Chapter 1: Modeling the 3D Asset



Bad reference

Good reference

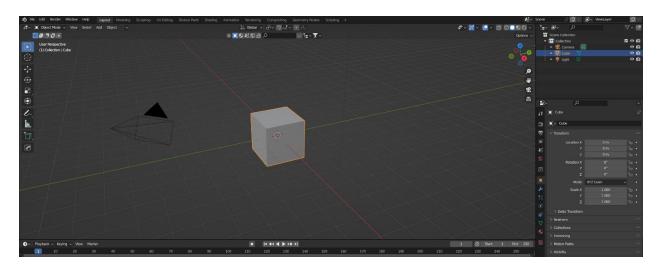


Under exposed

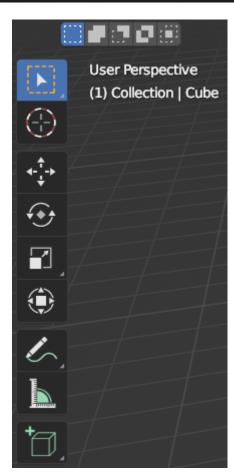
Good exposure

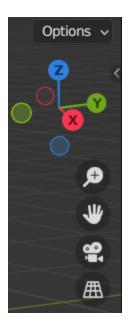


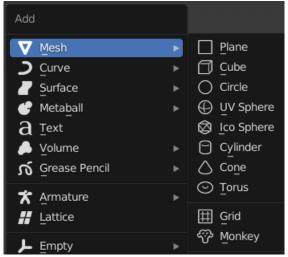
Over exposed

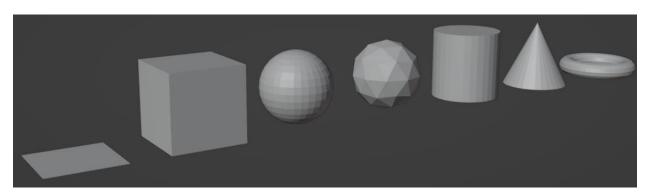


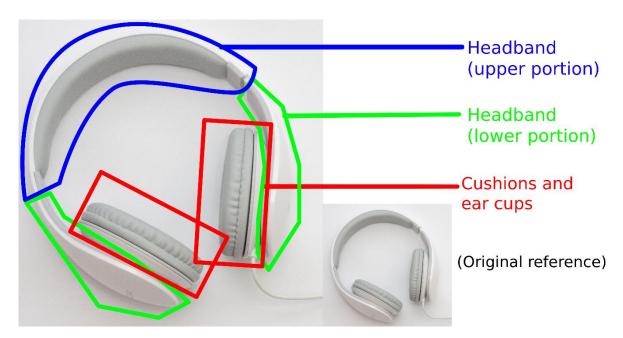


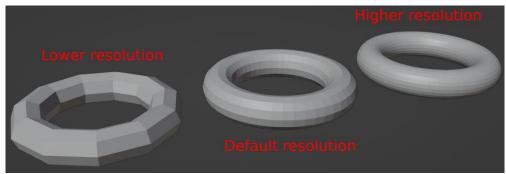


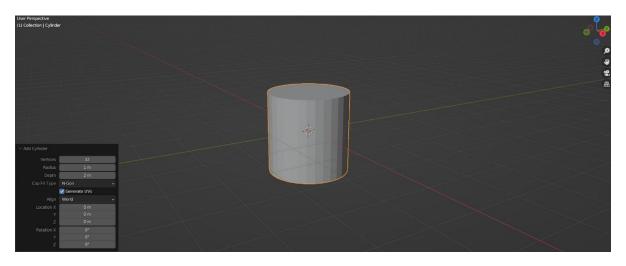


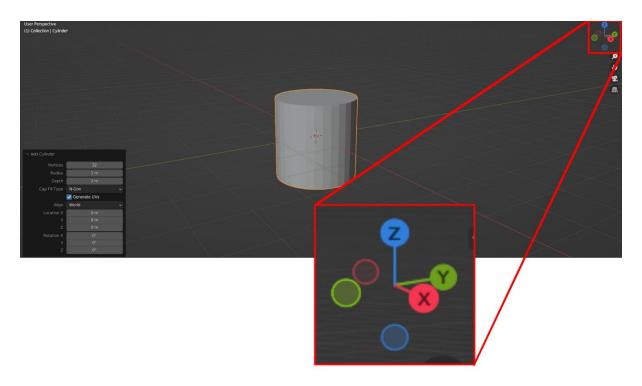


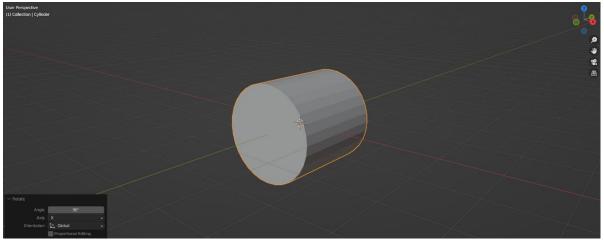


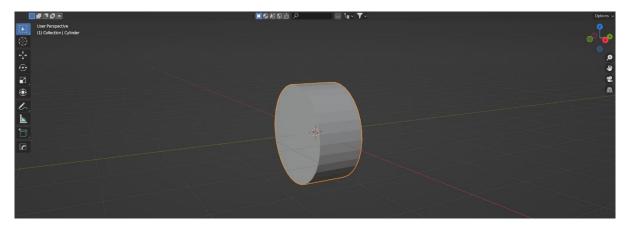


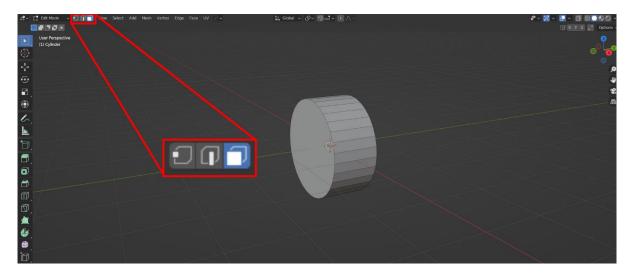


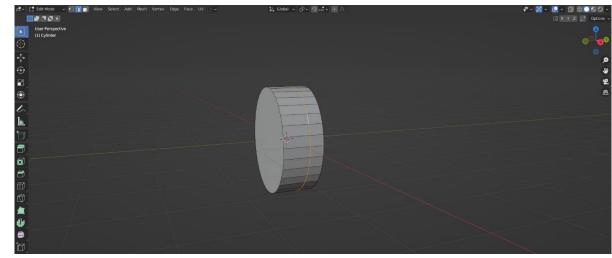


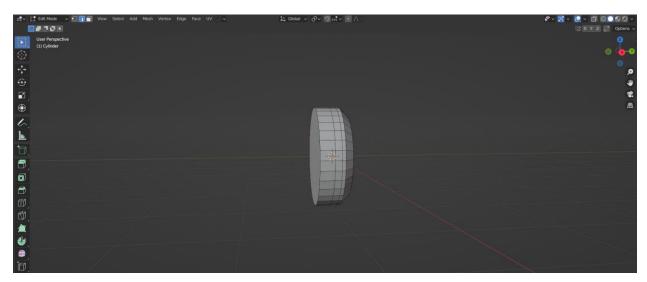


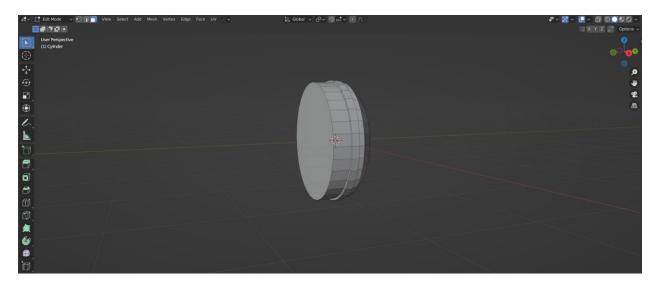


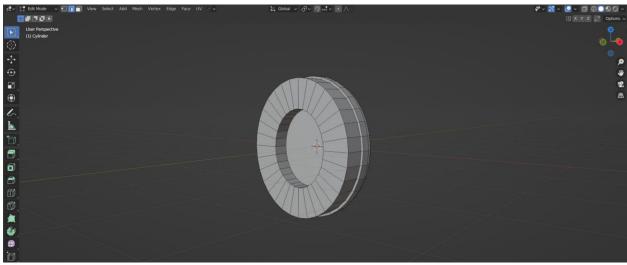


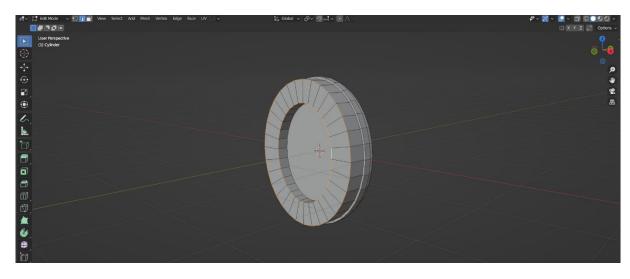






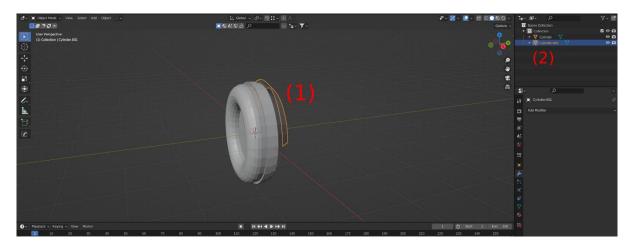


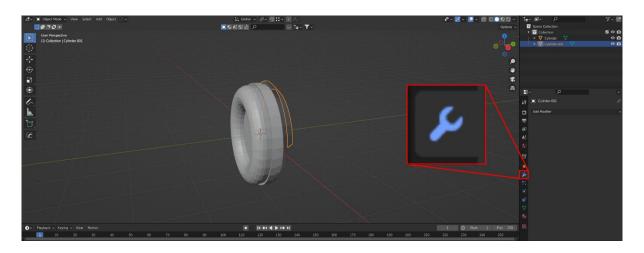


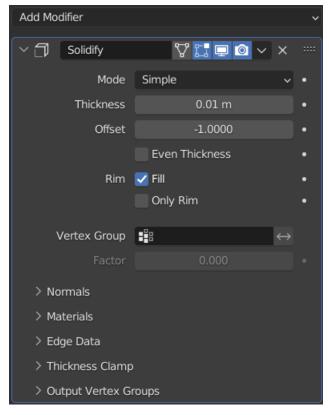




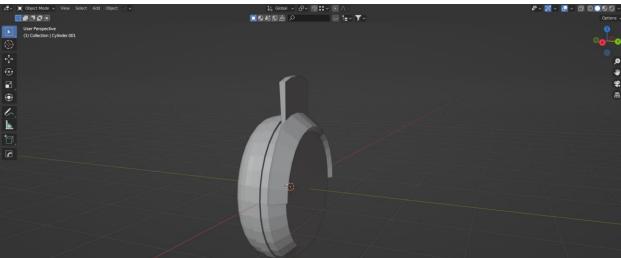


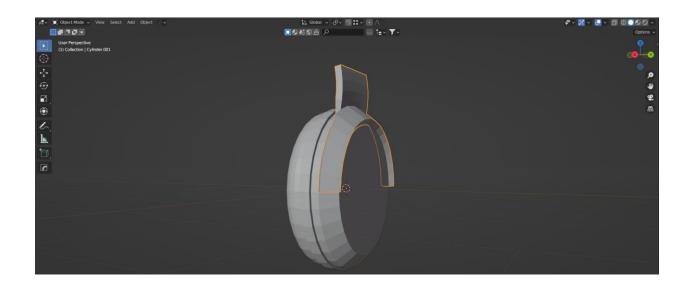


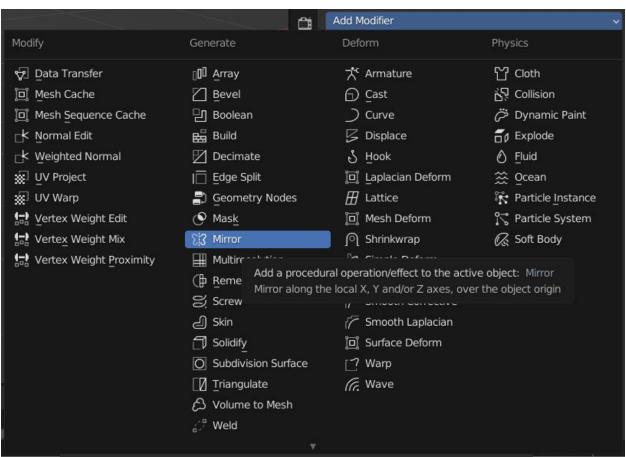


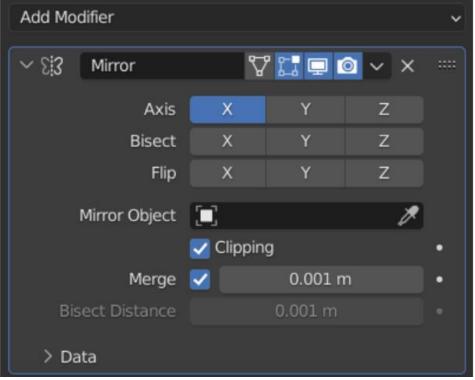


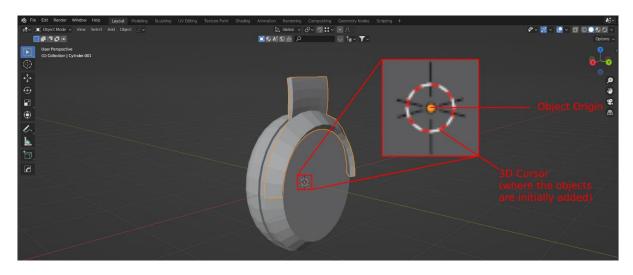


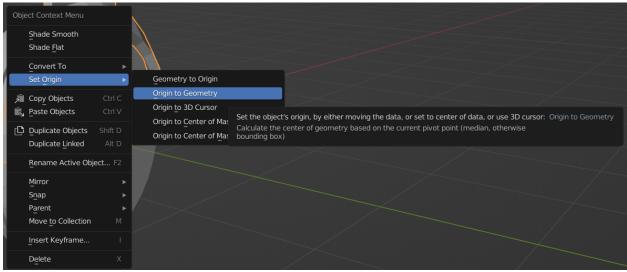


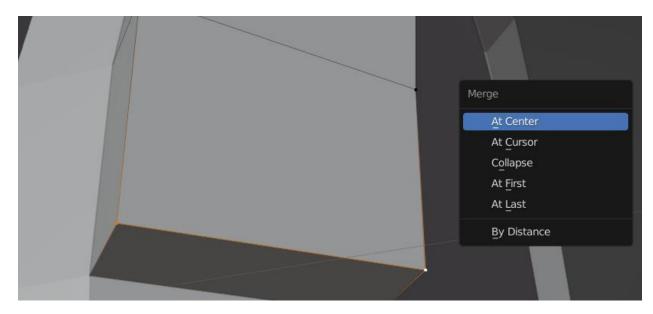


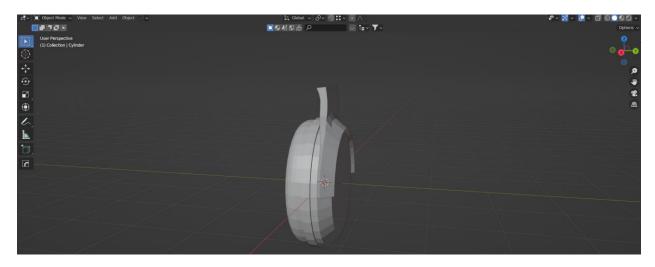


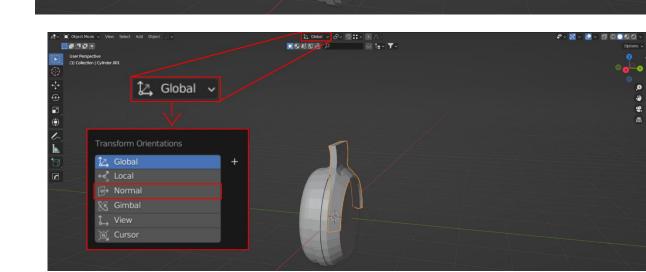


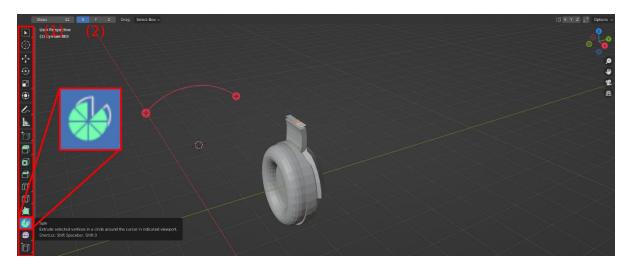


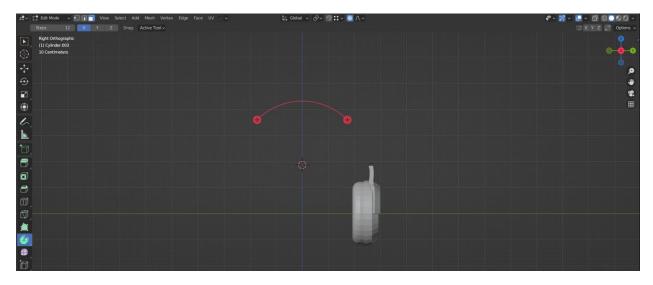


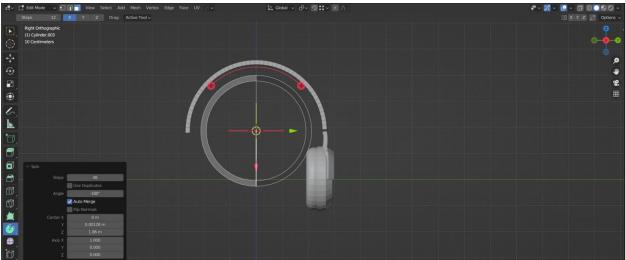


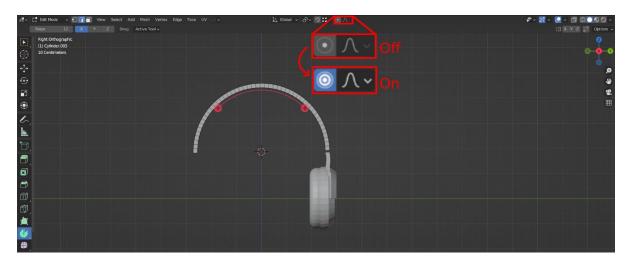


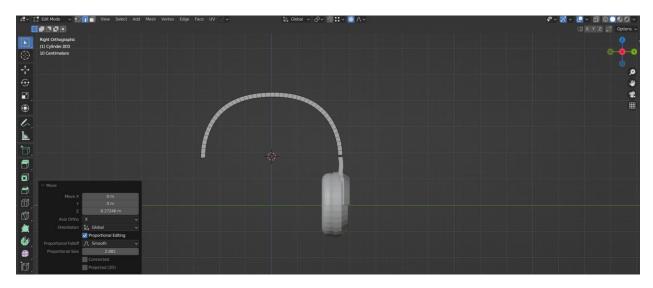


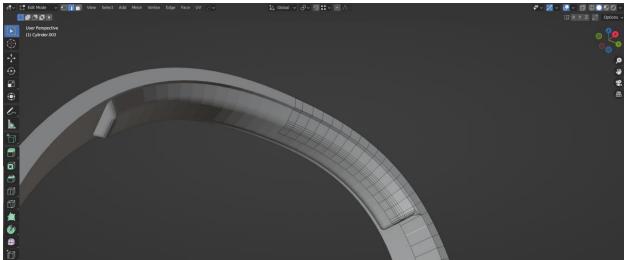


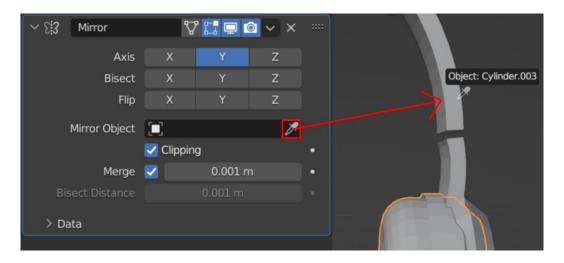






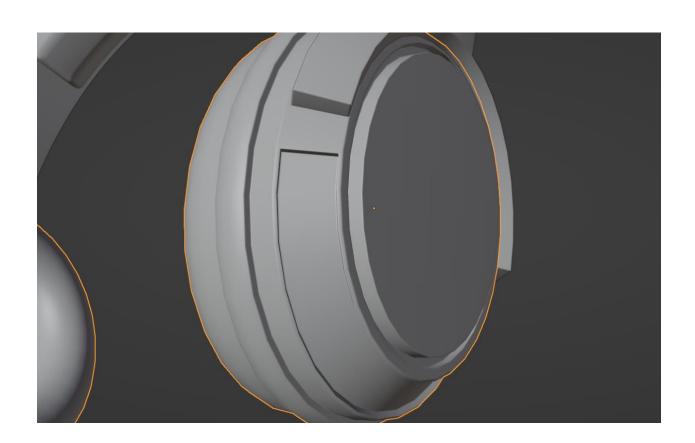


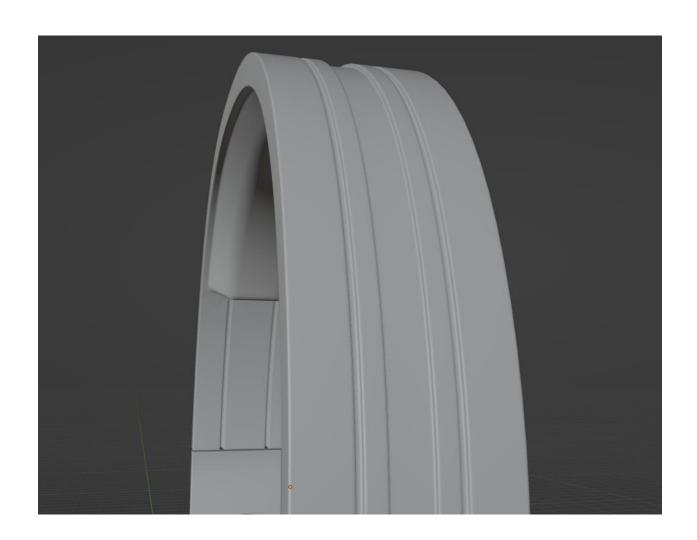


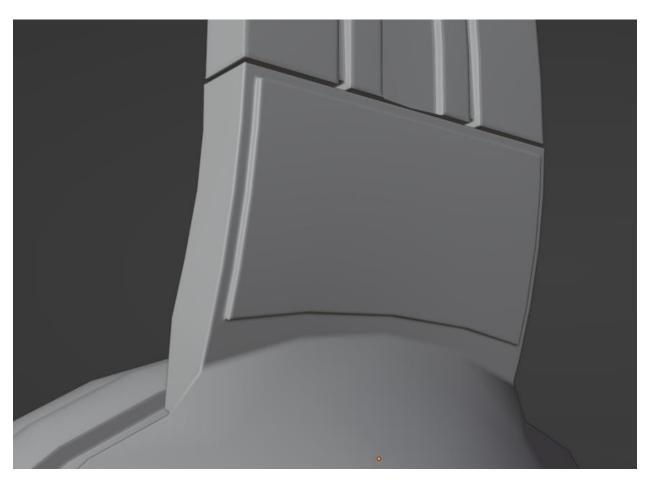










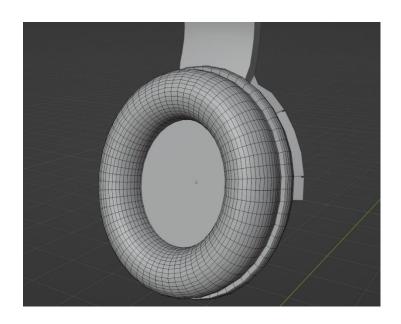


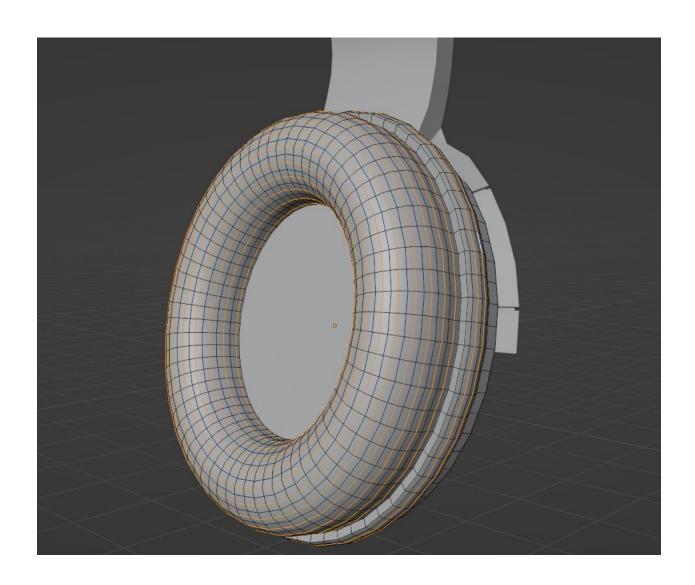


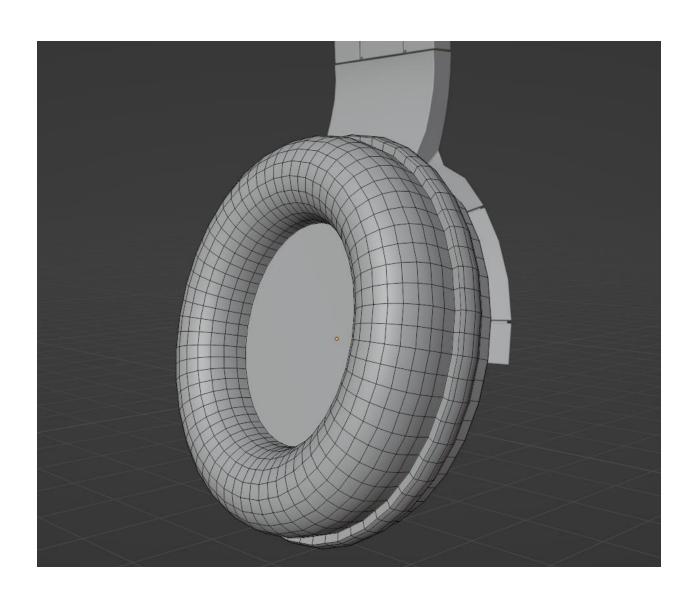


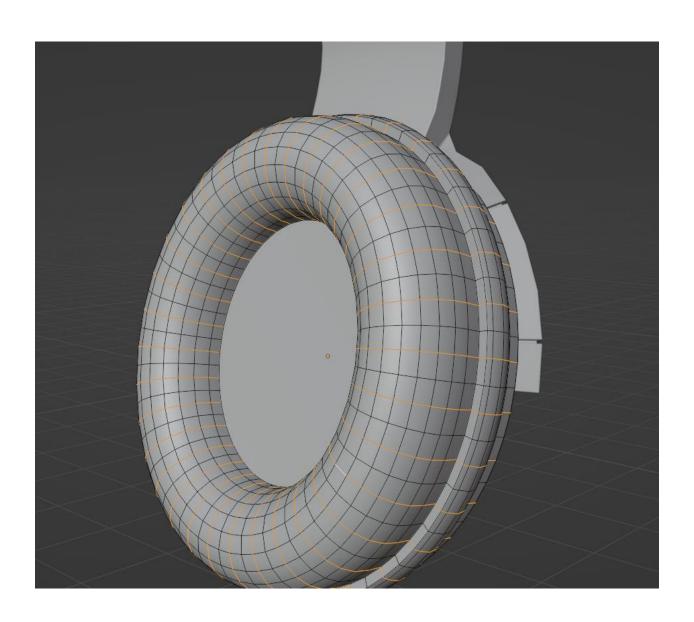


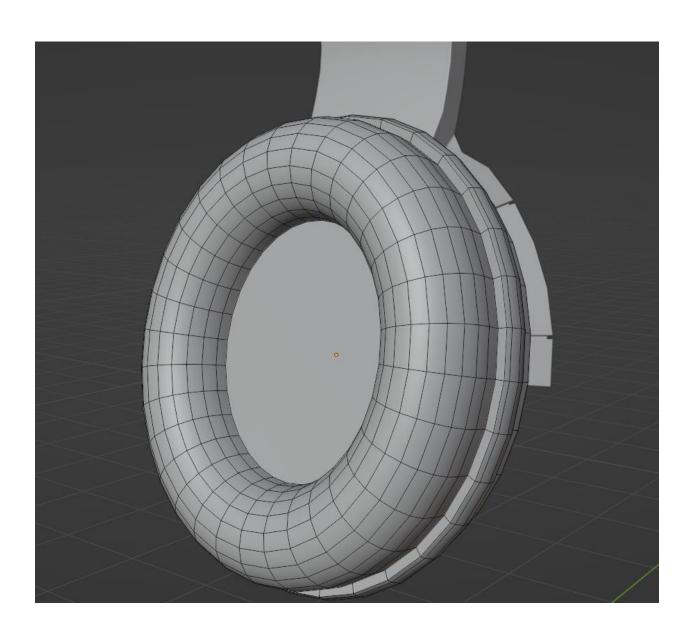
Chapter 2: Optimizing Your Asset for Better Rendering Performance

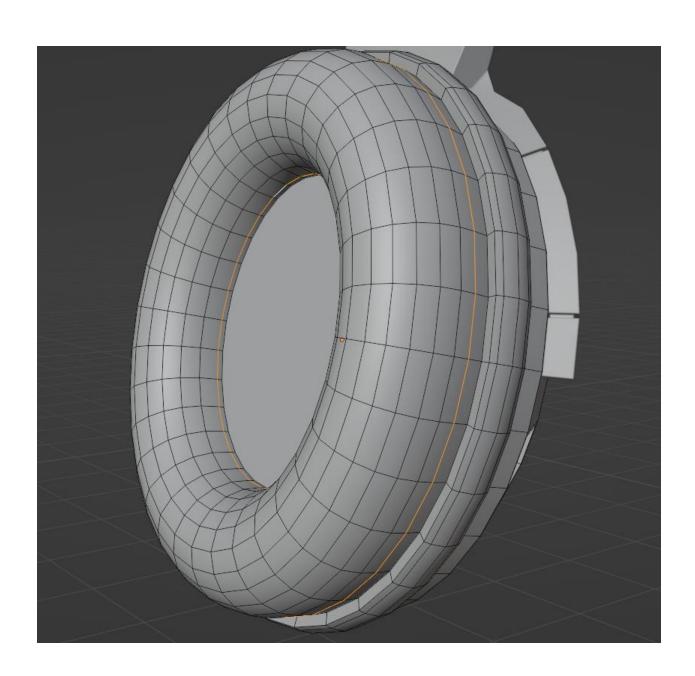


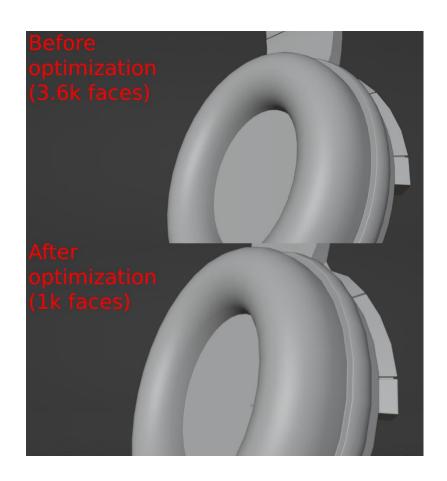


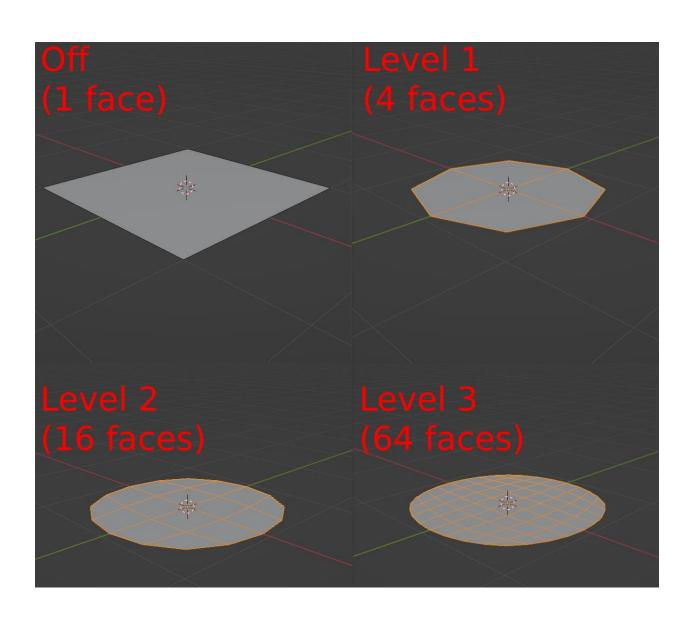


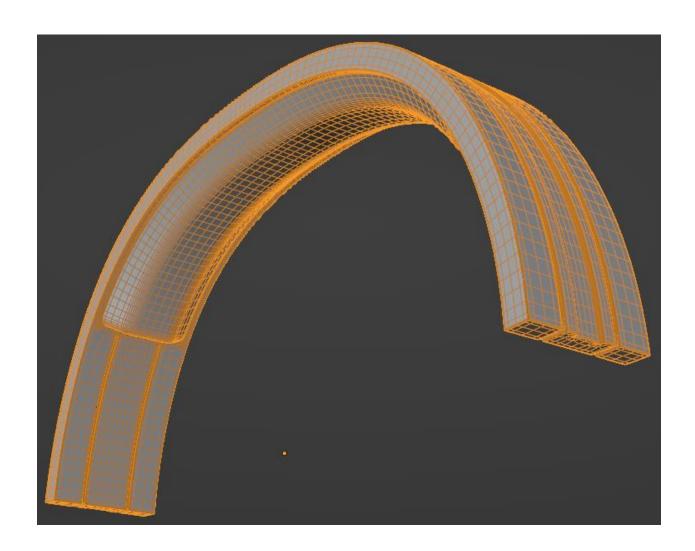


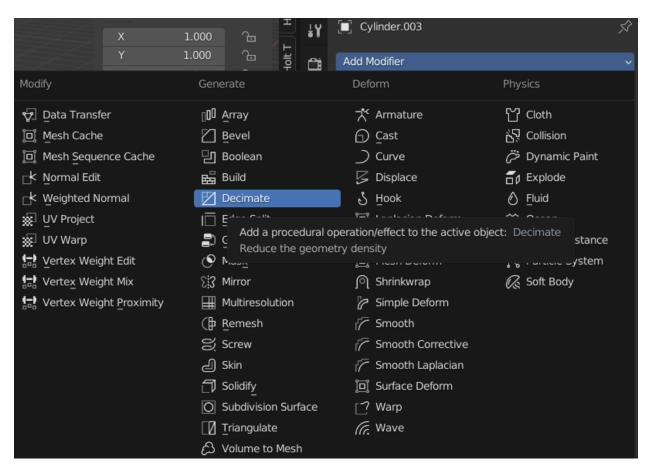


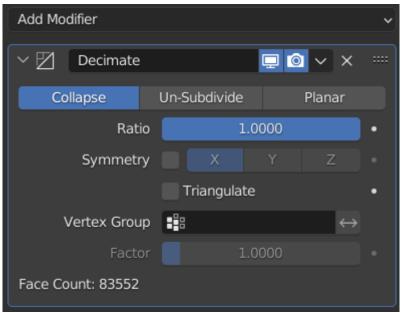


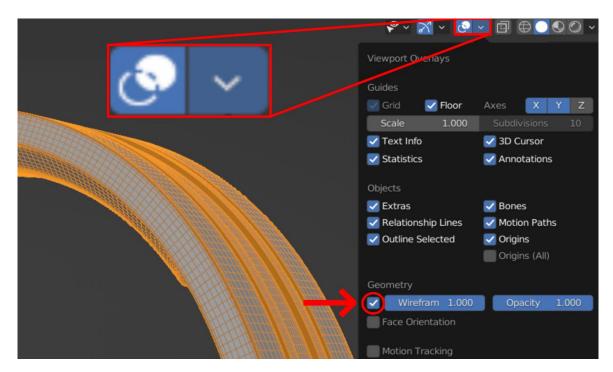


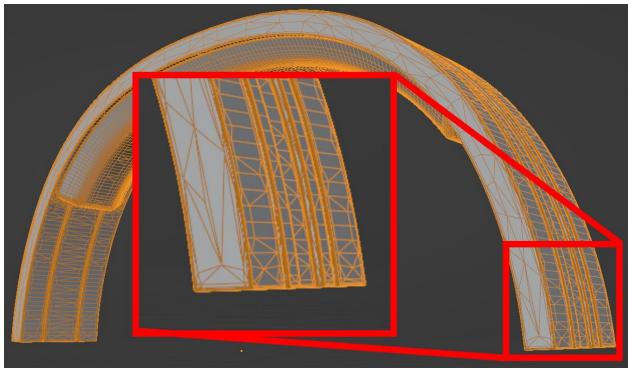


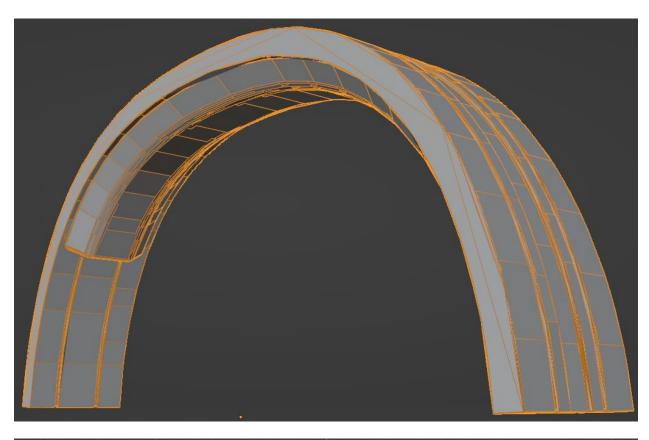


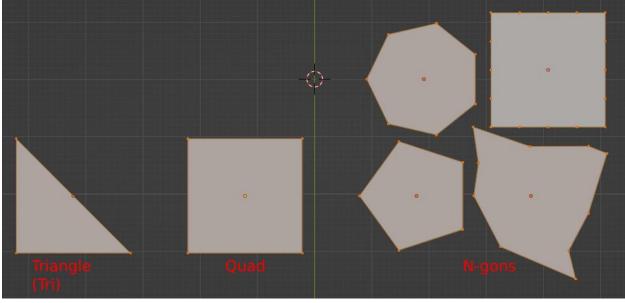


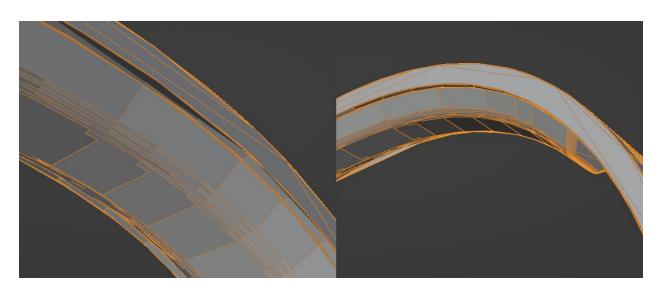


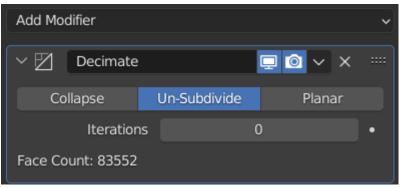


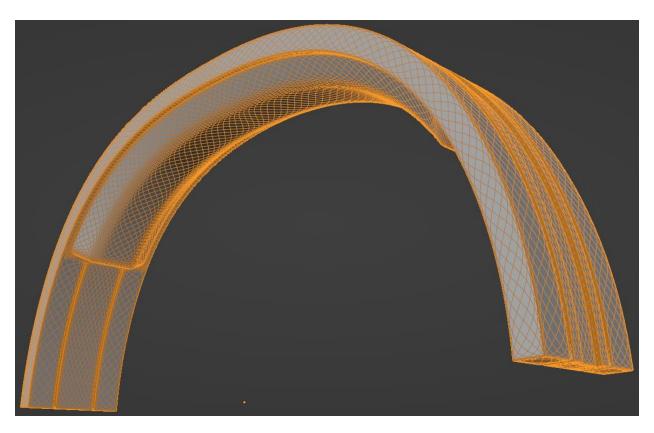


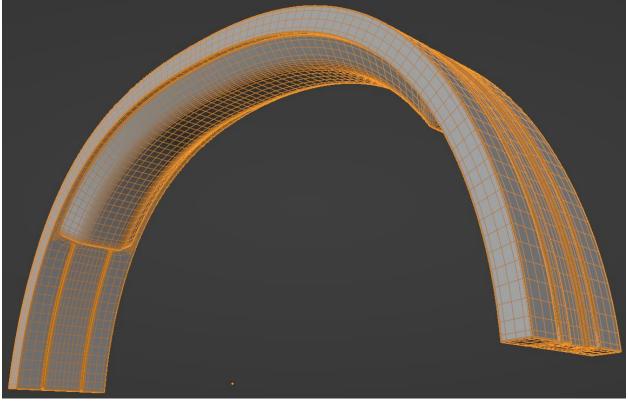


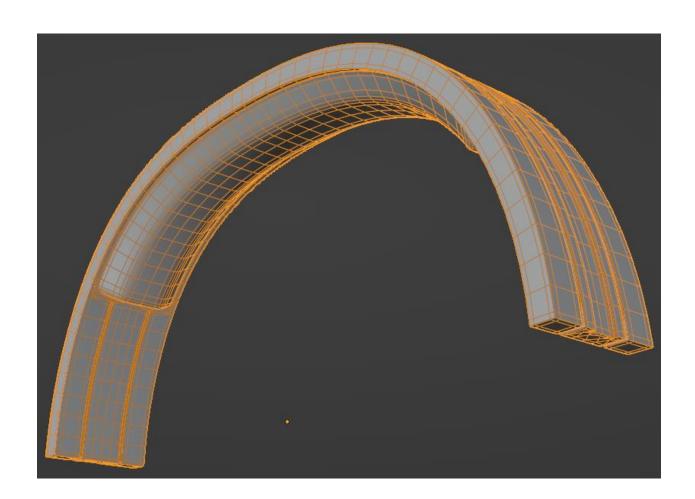


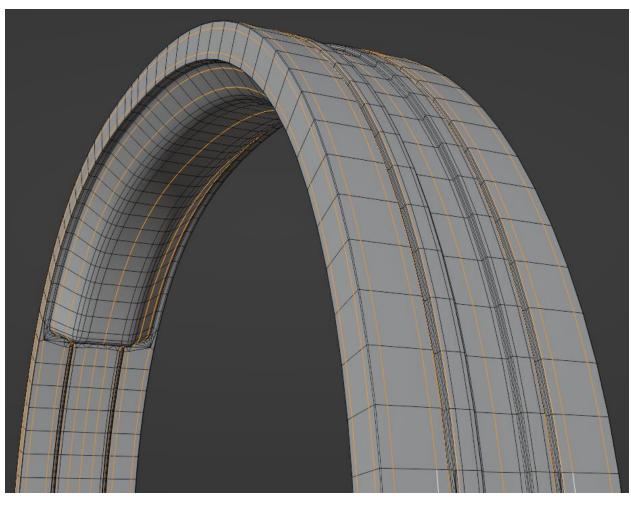


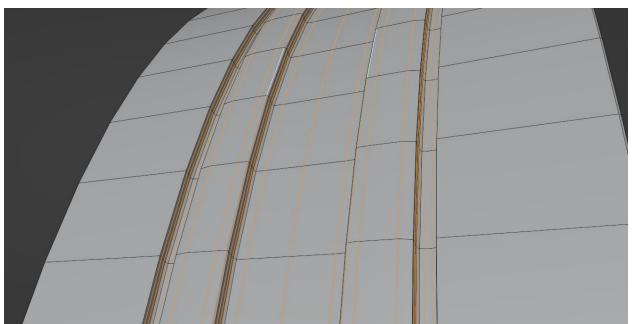


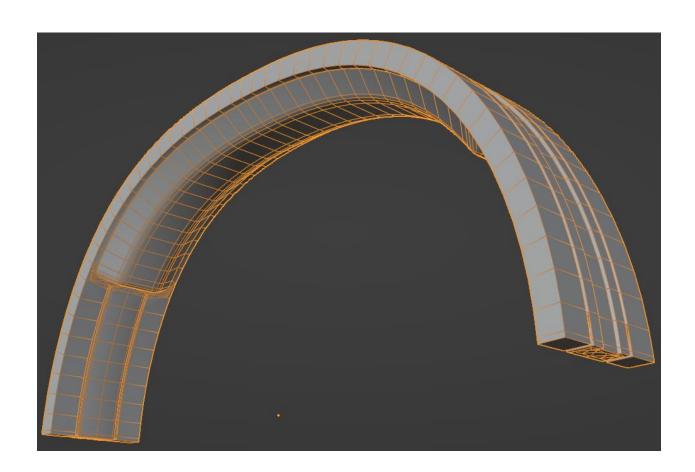


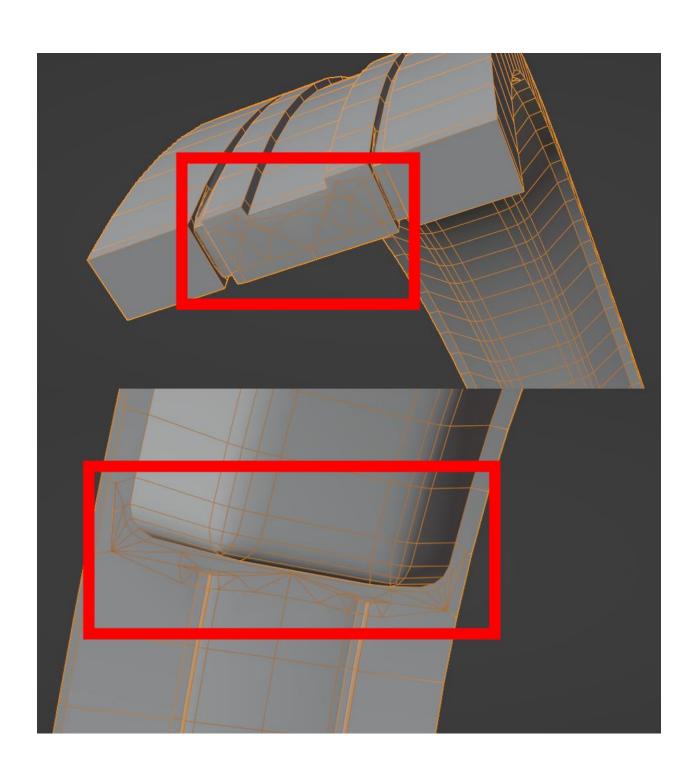


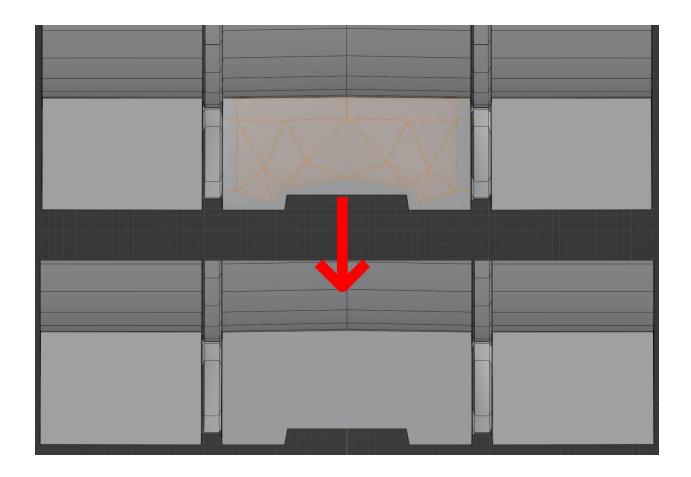


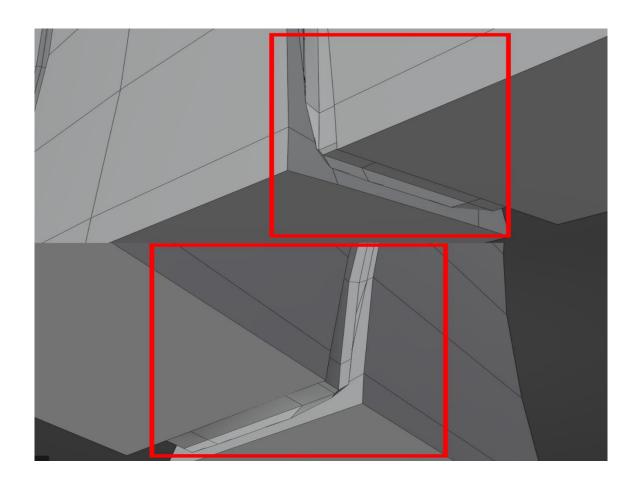


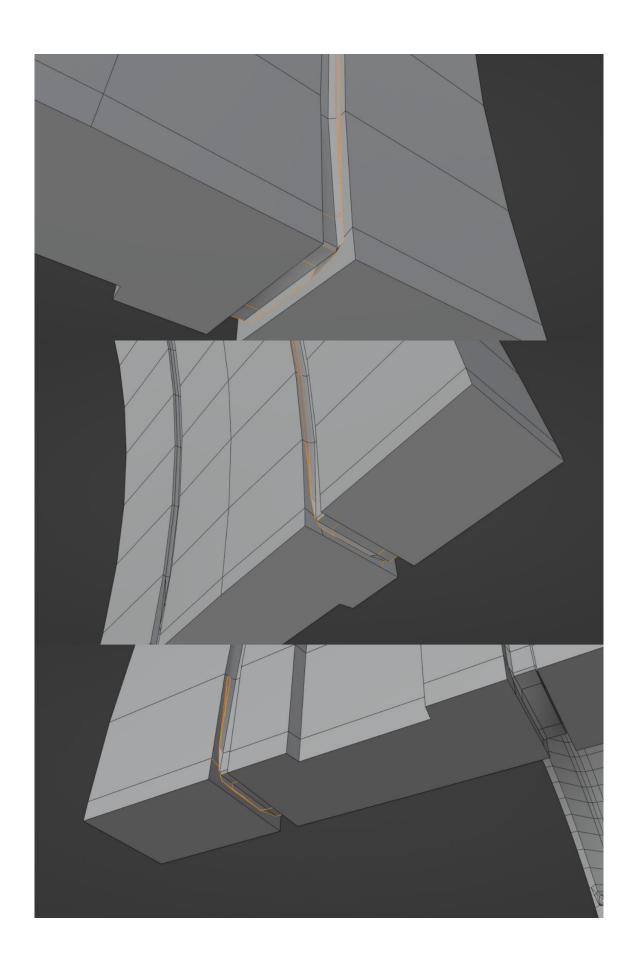


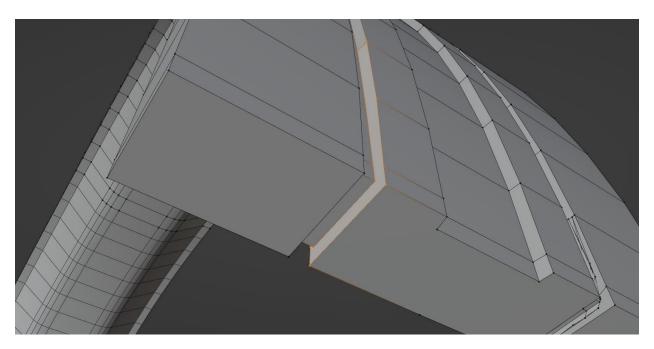


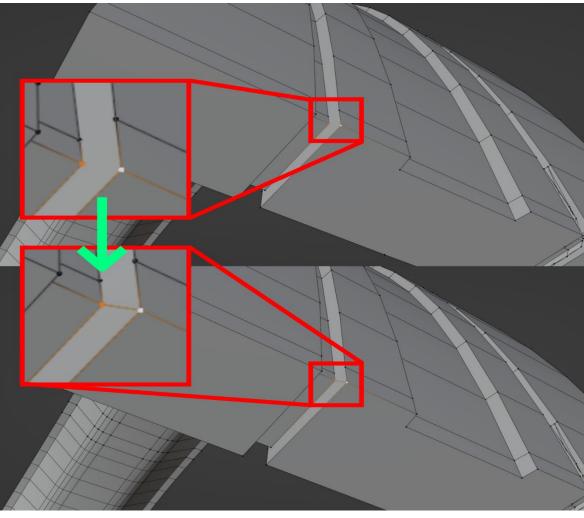


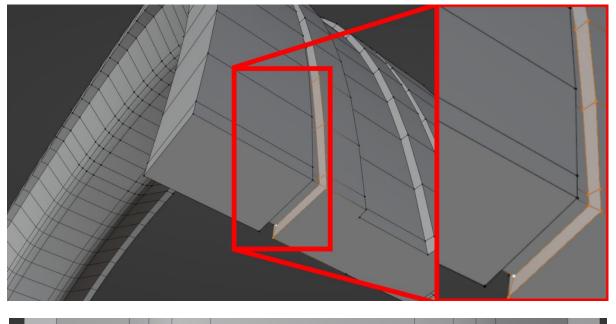


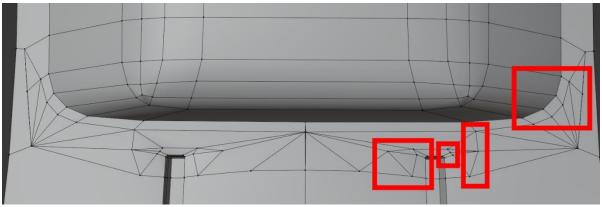


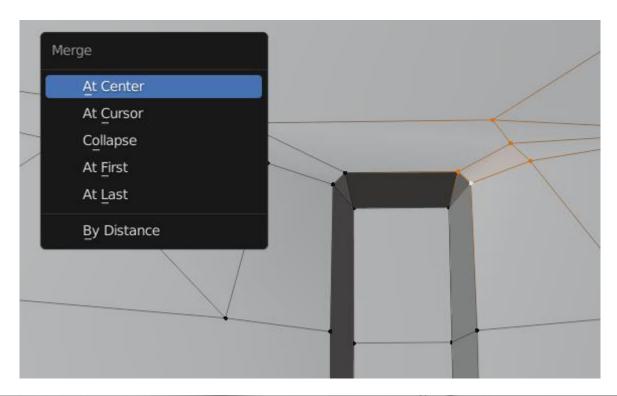






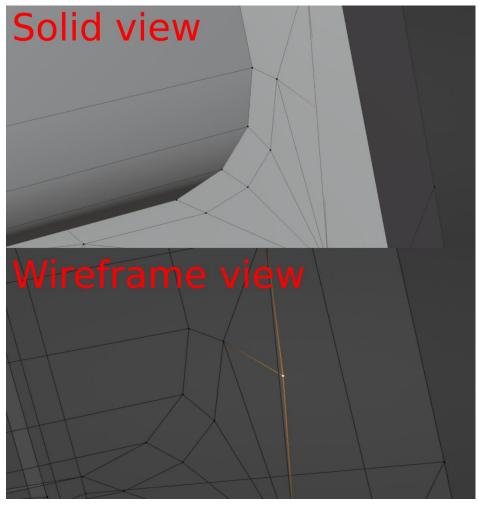


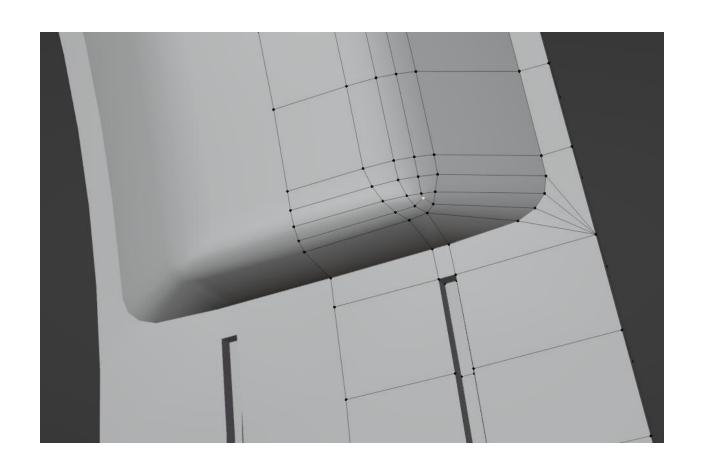


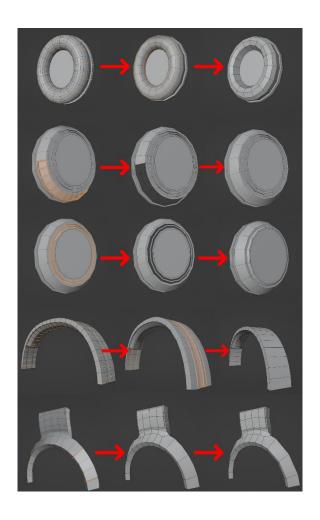




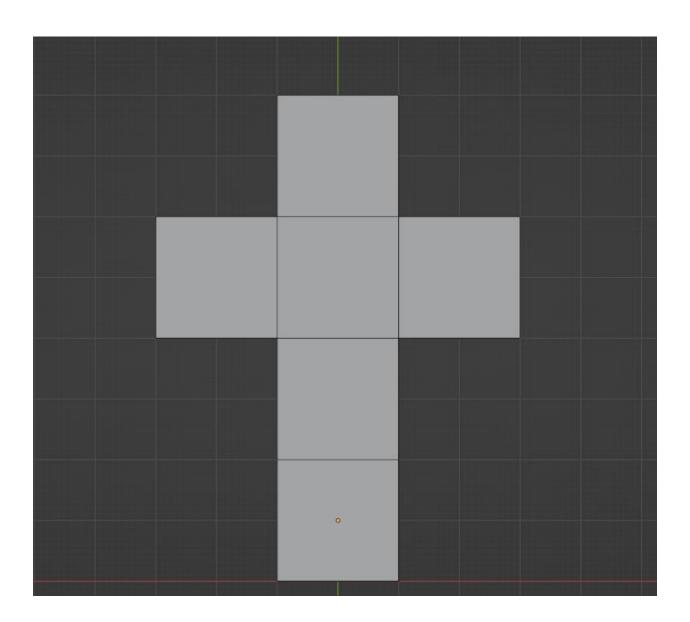


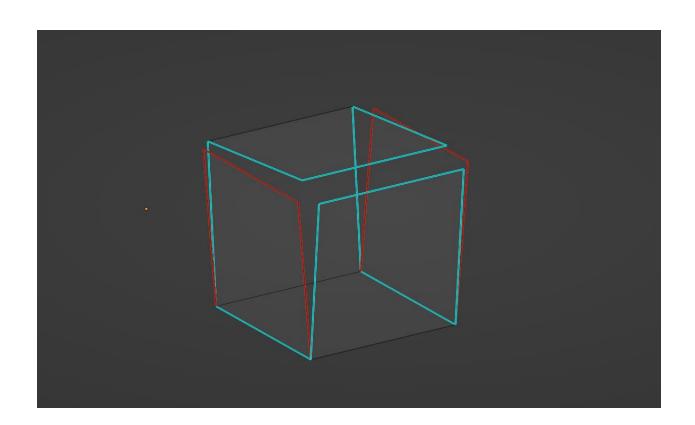


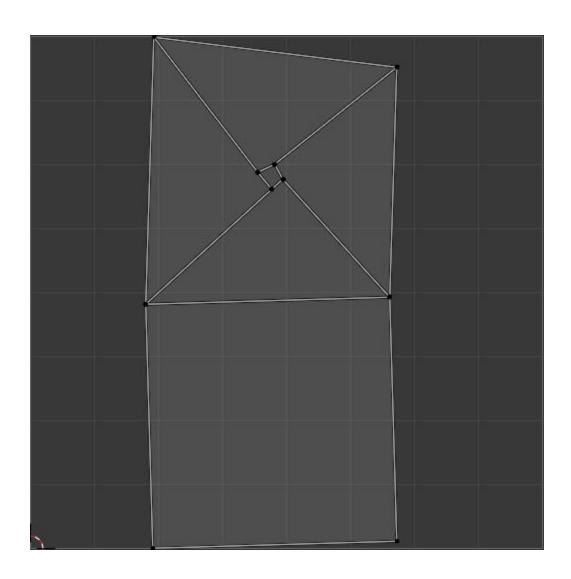


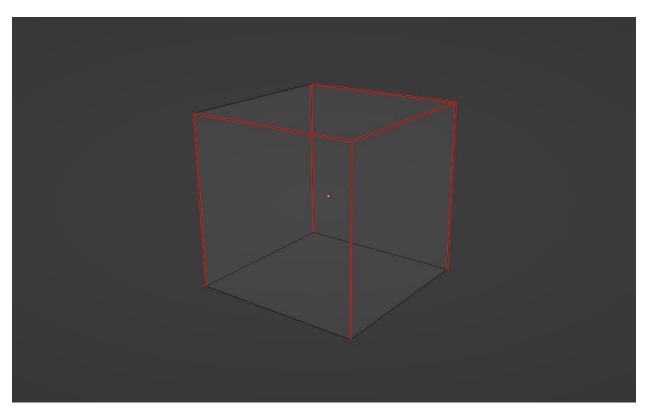


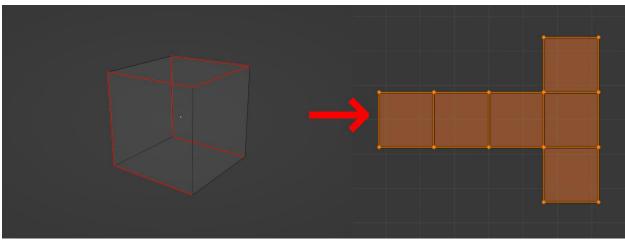
Chapter 3: UV Unwrapping Your 3D Asset

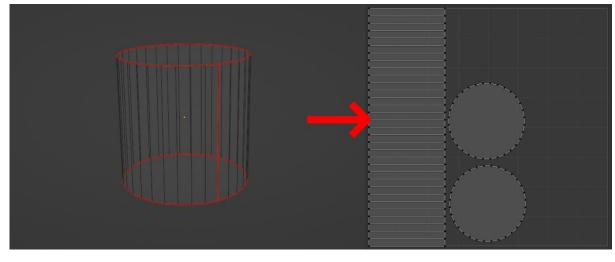


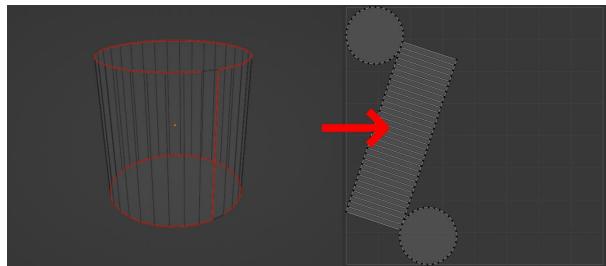


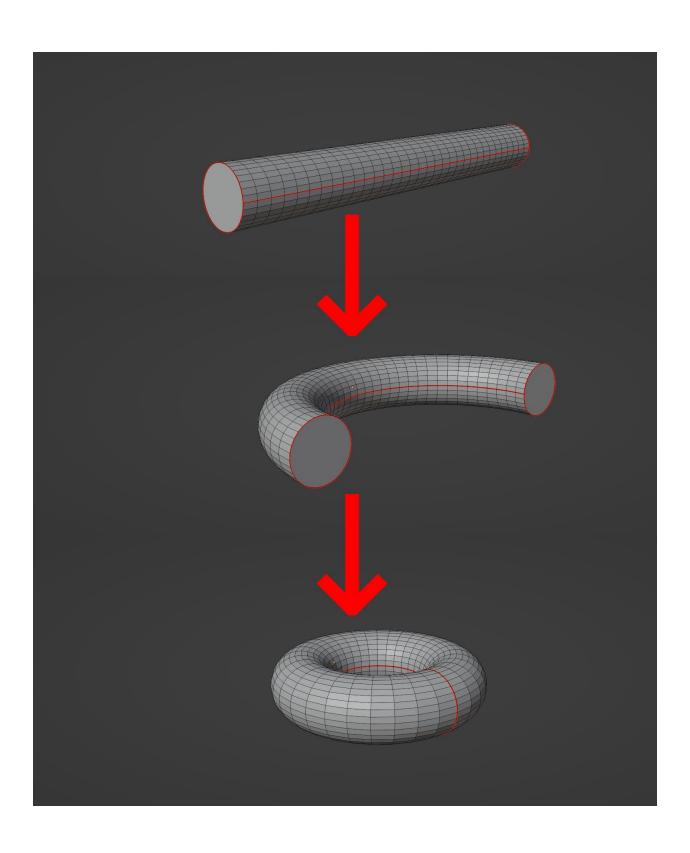


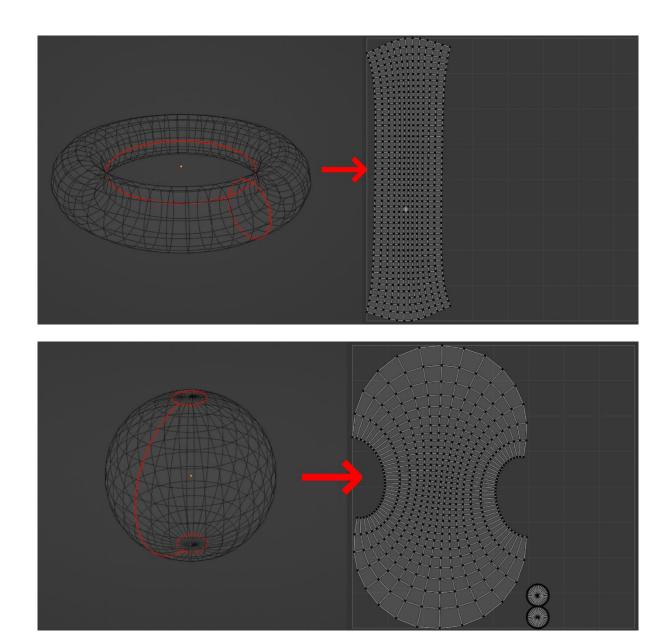


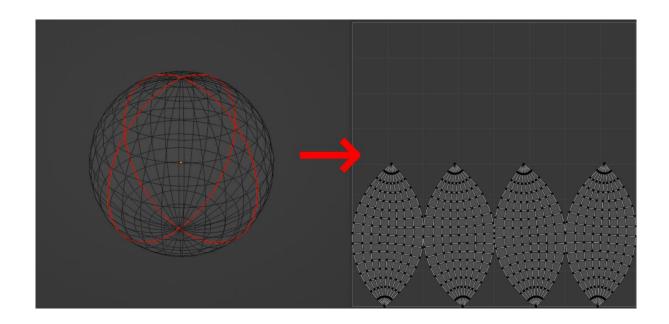


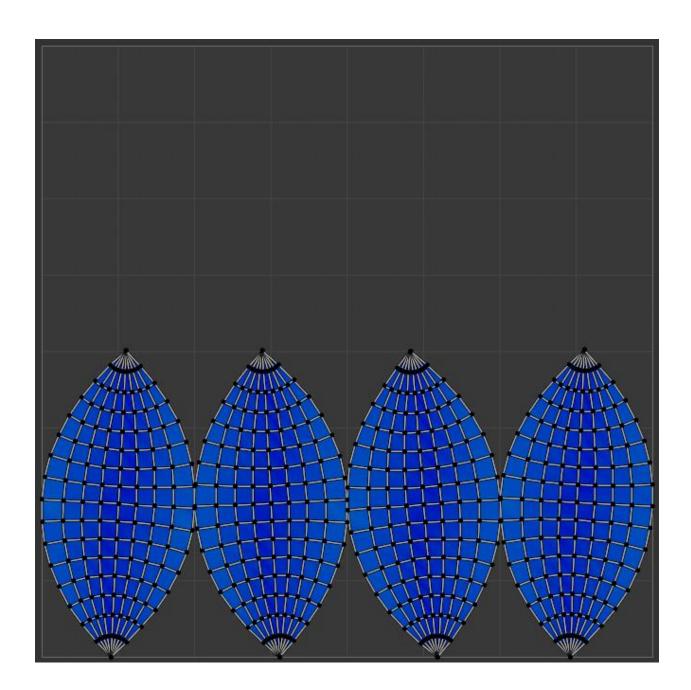


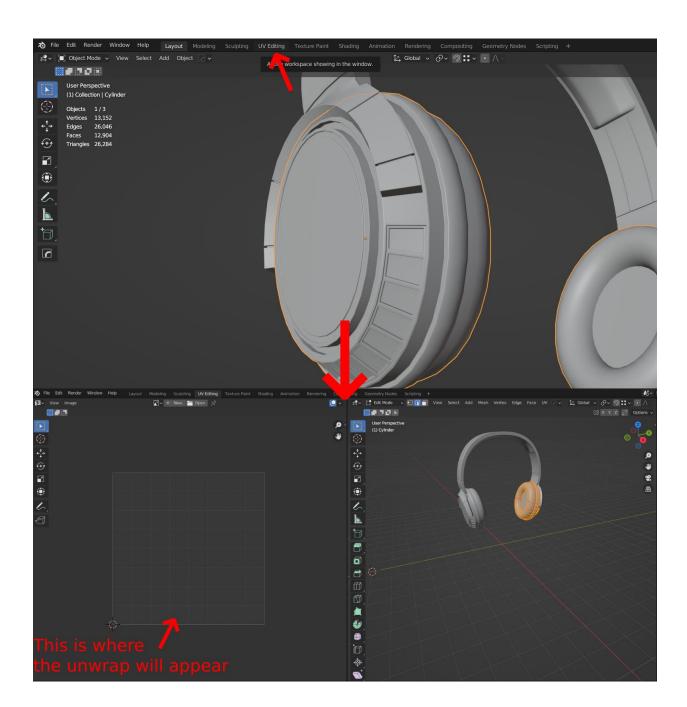


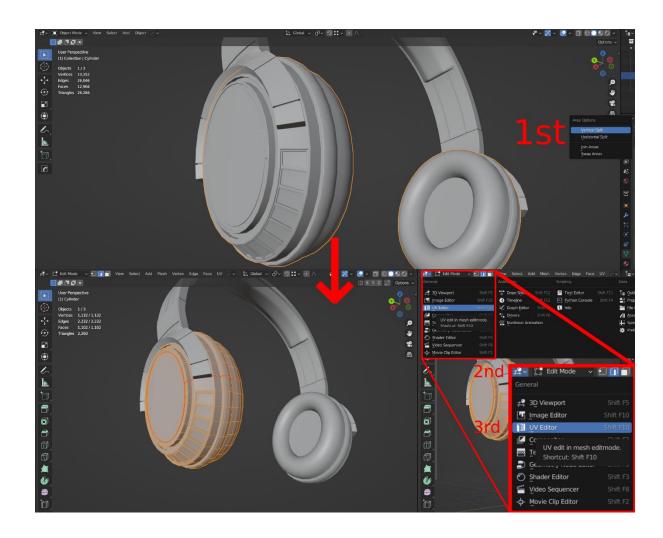


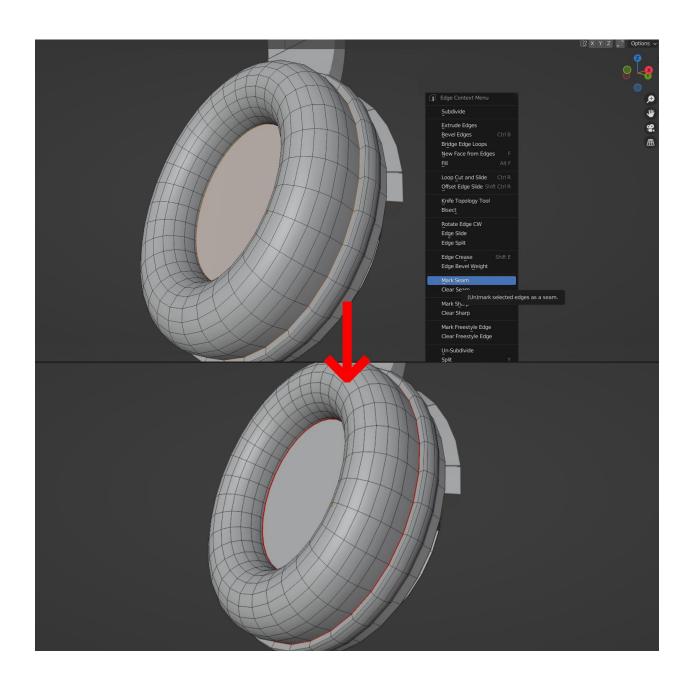


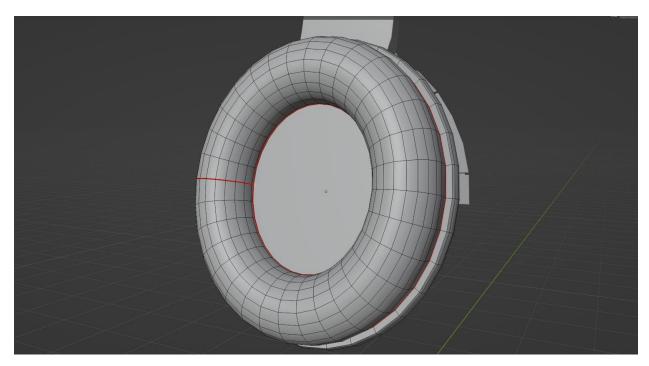


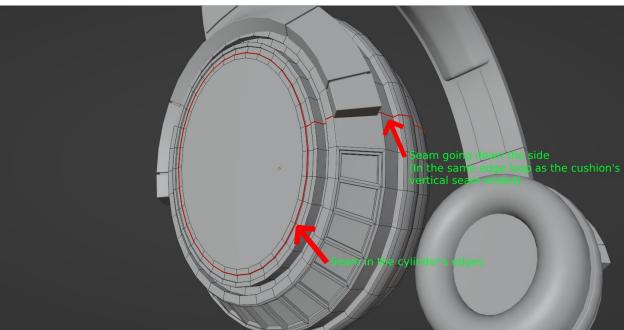


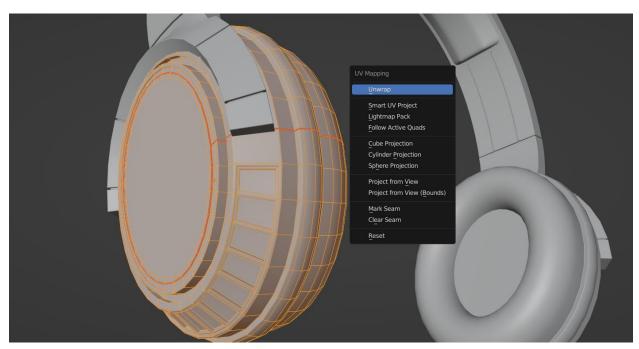


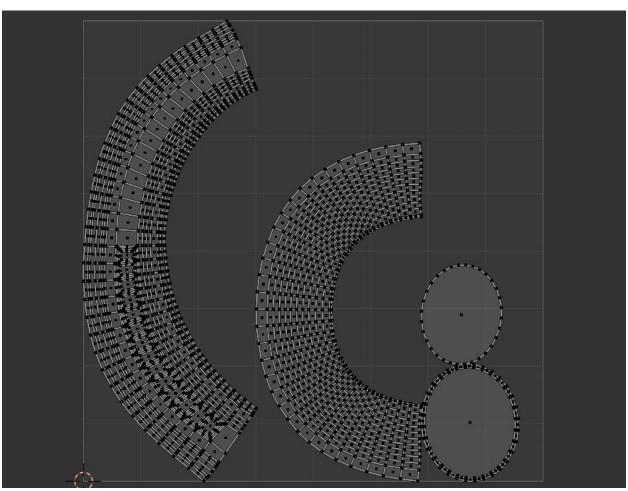


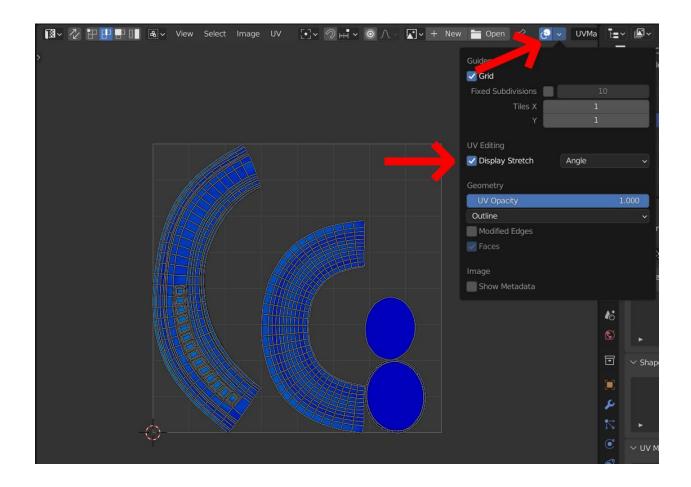


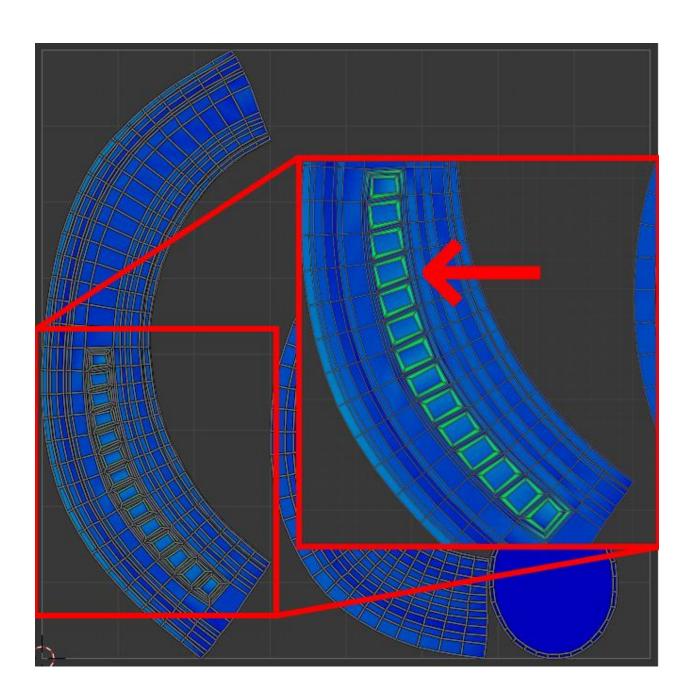


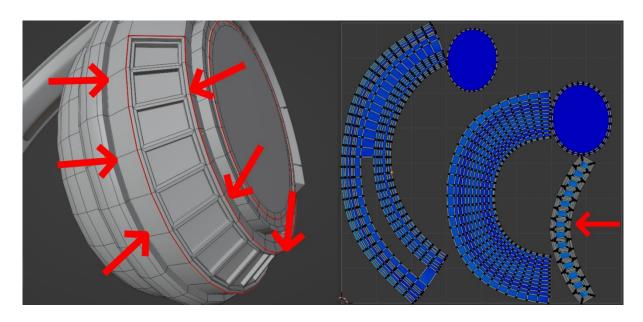


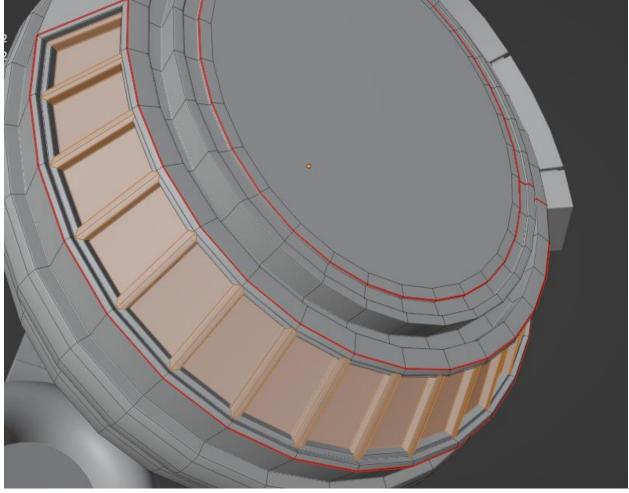


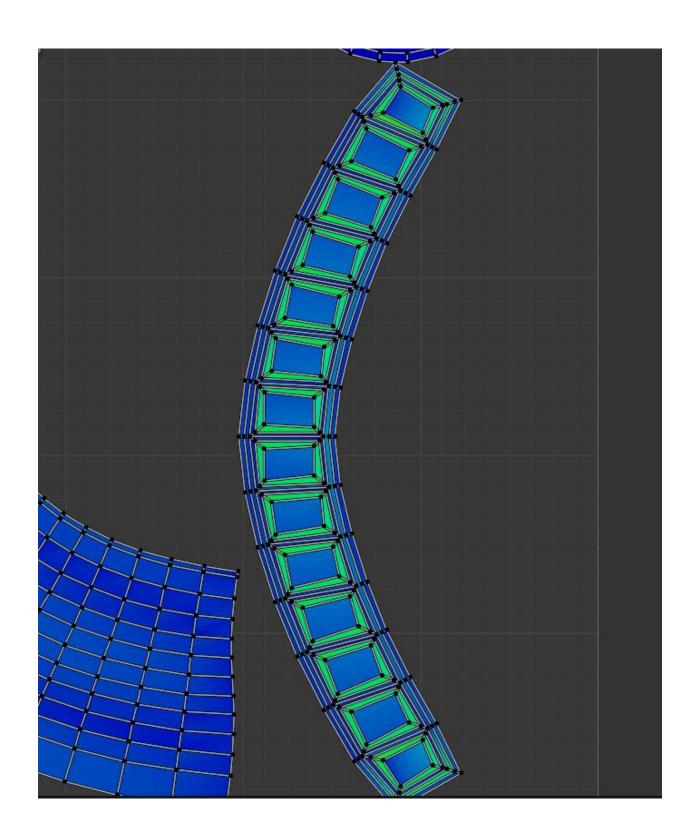


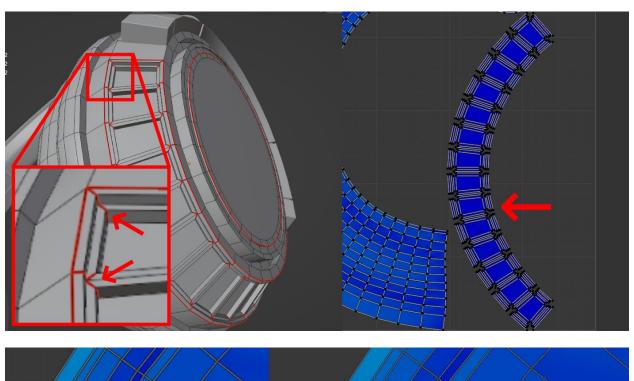


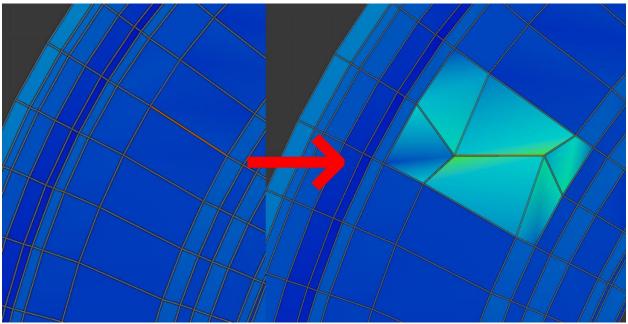


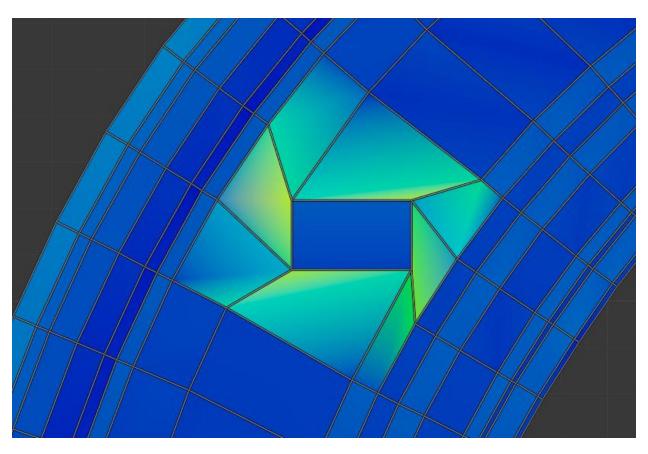


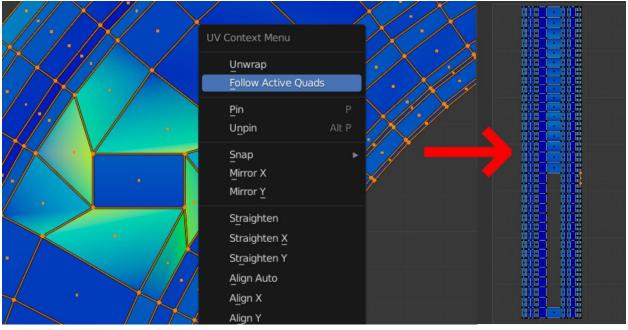


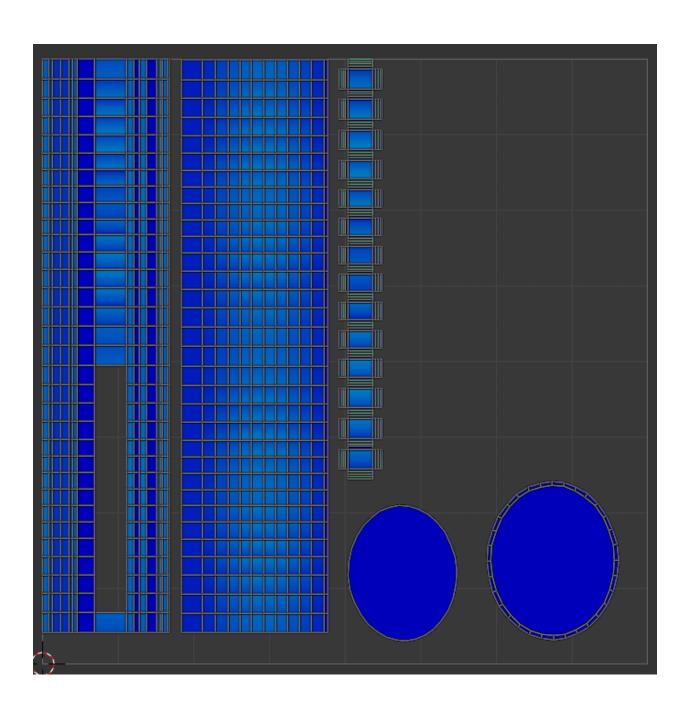


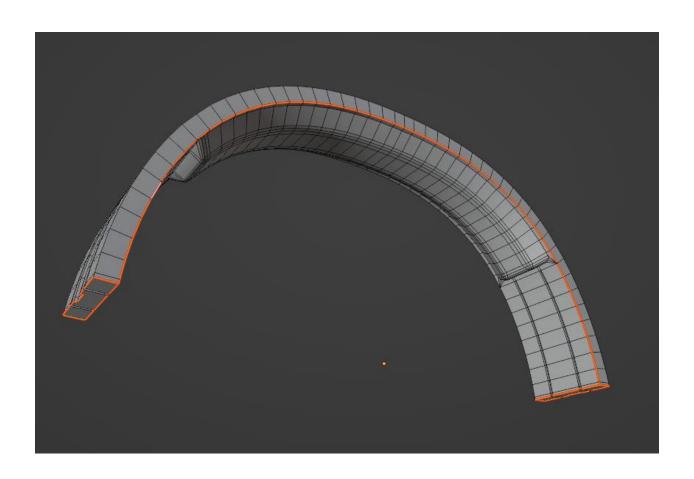


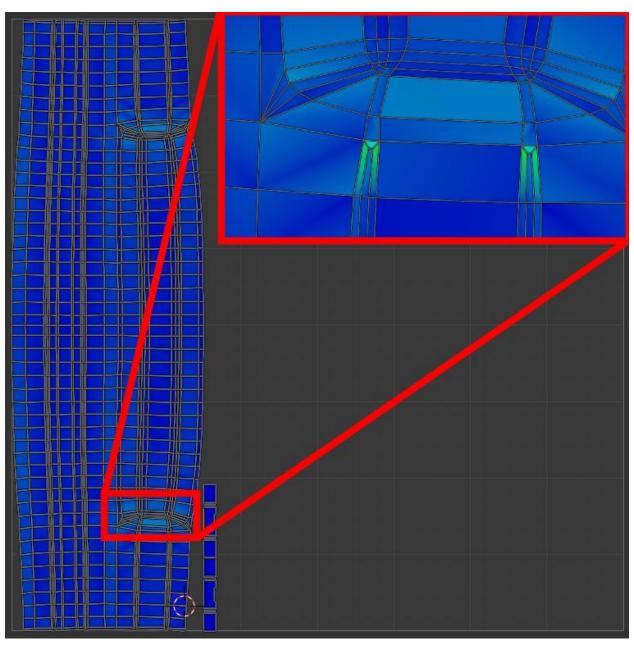


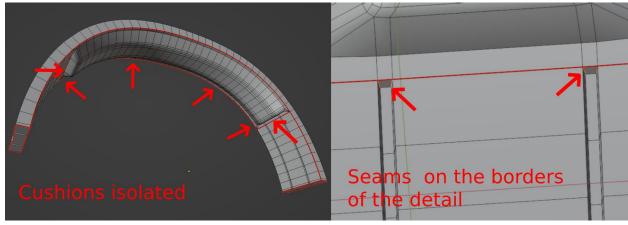


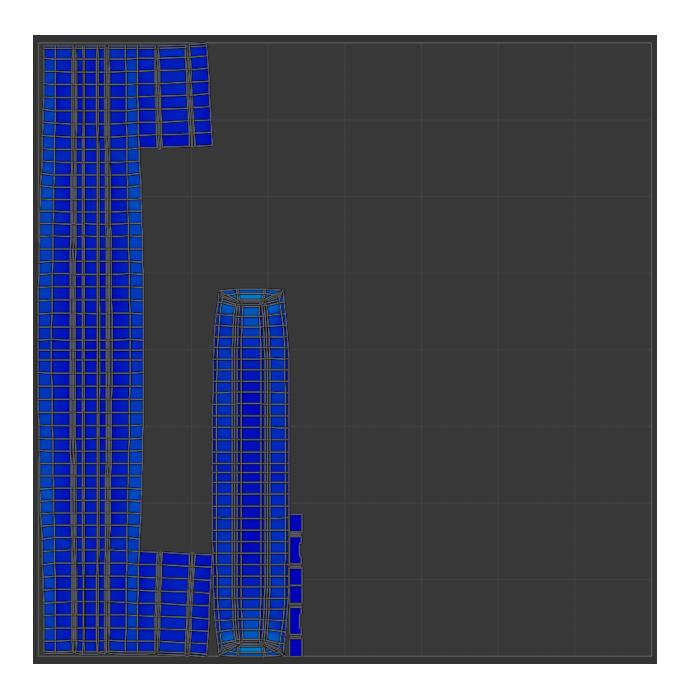


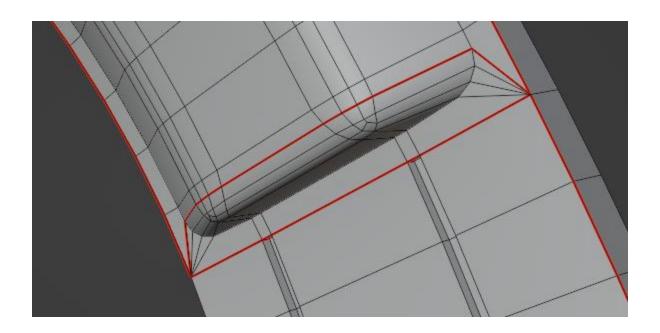


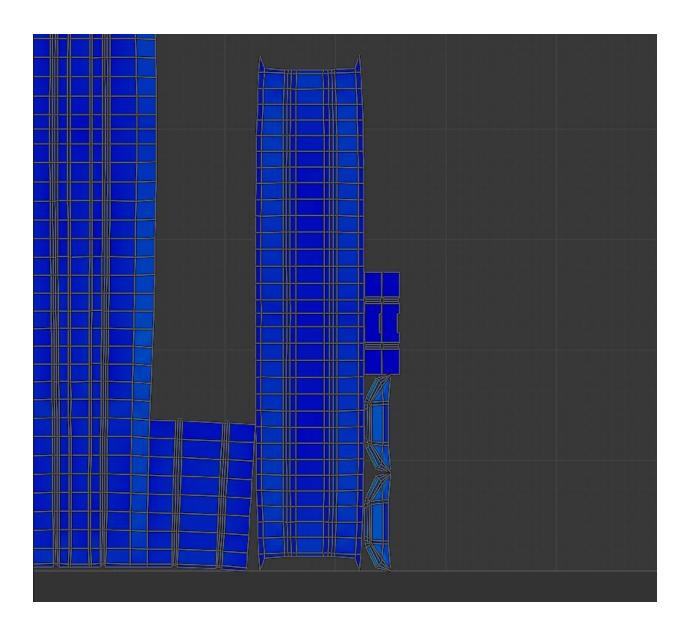


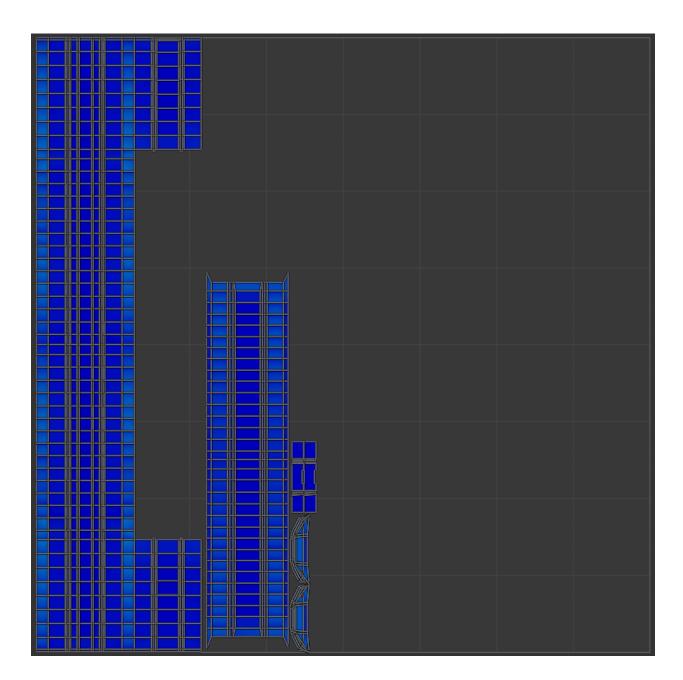


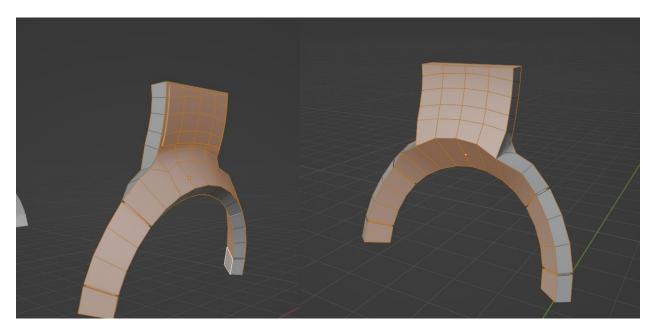


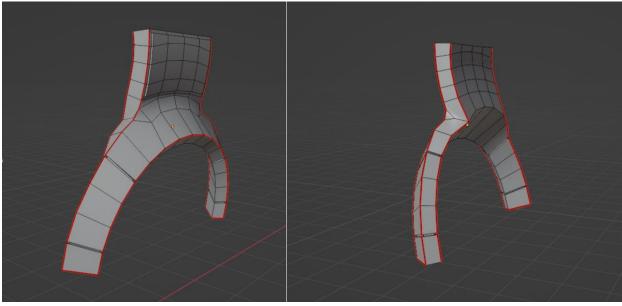


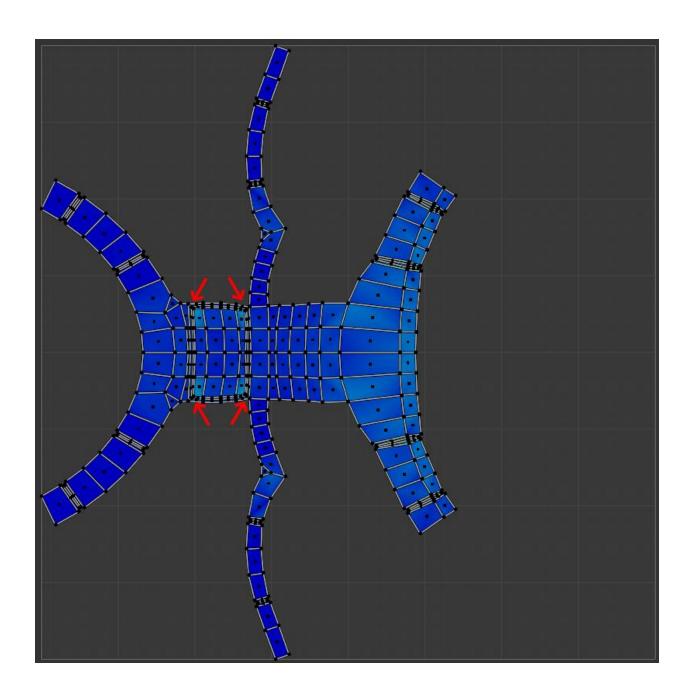


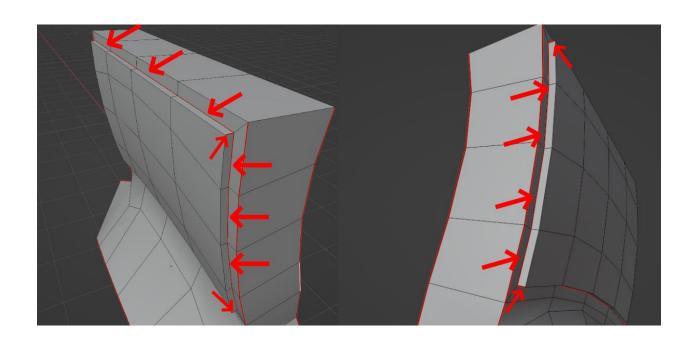


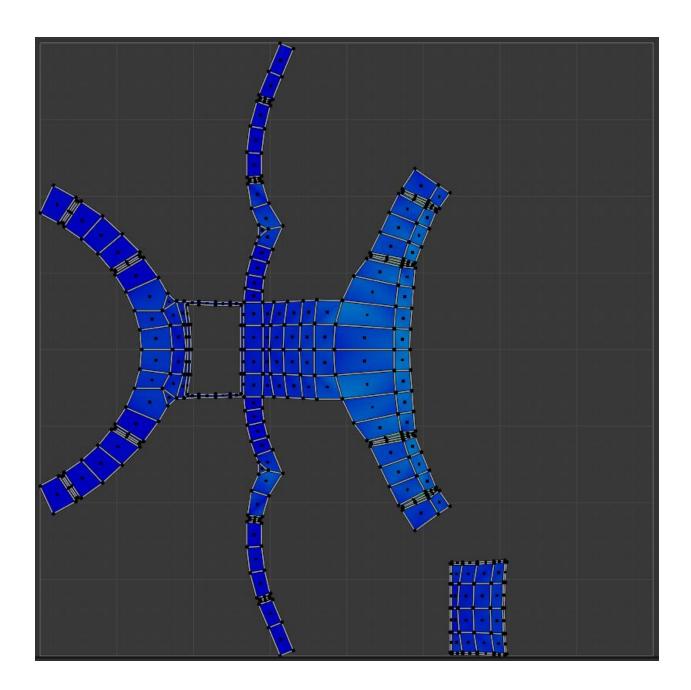


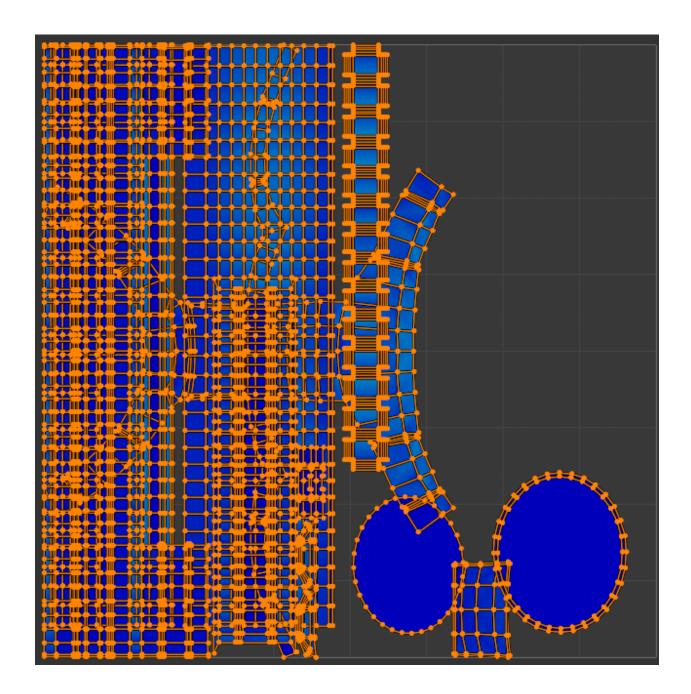


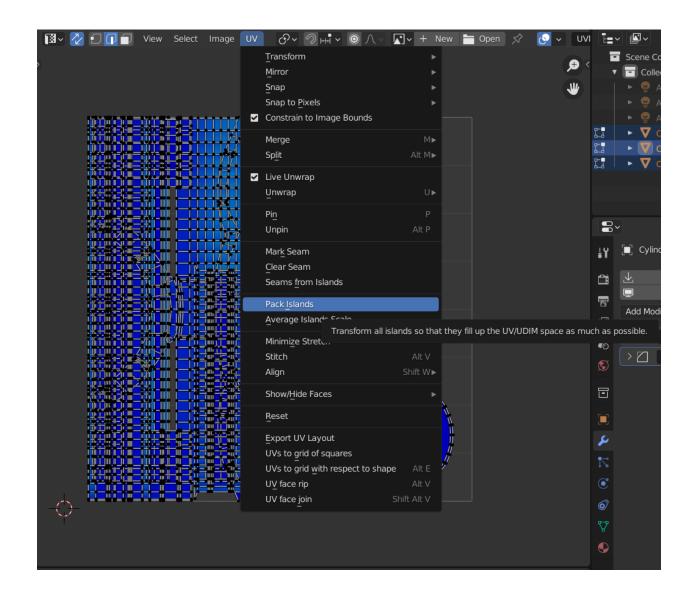


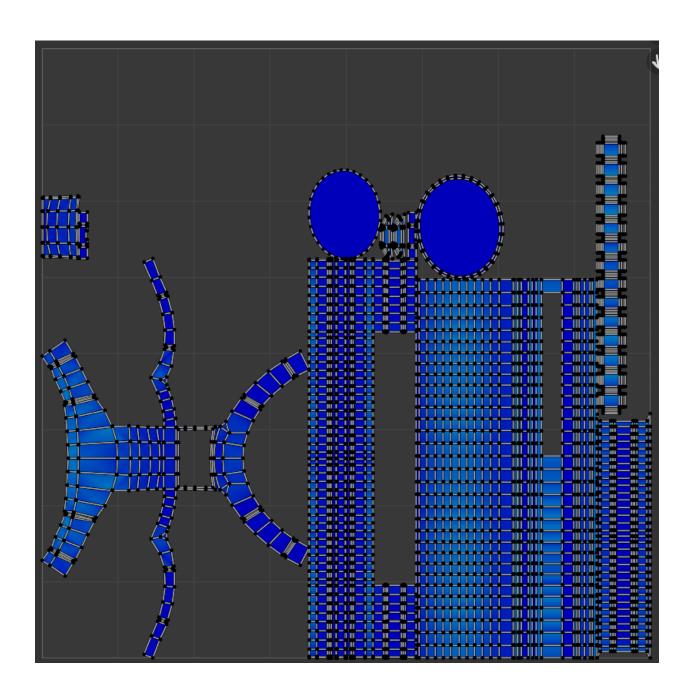


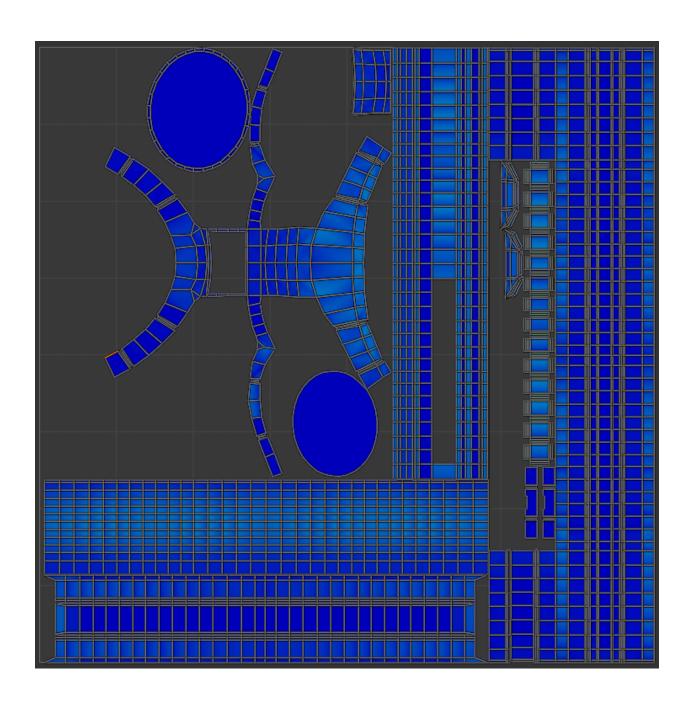


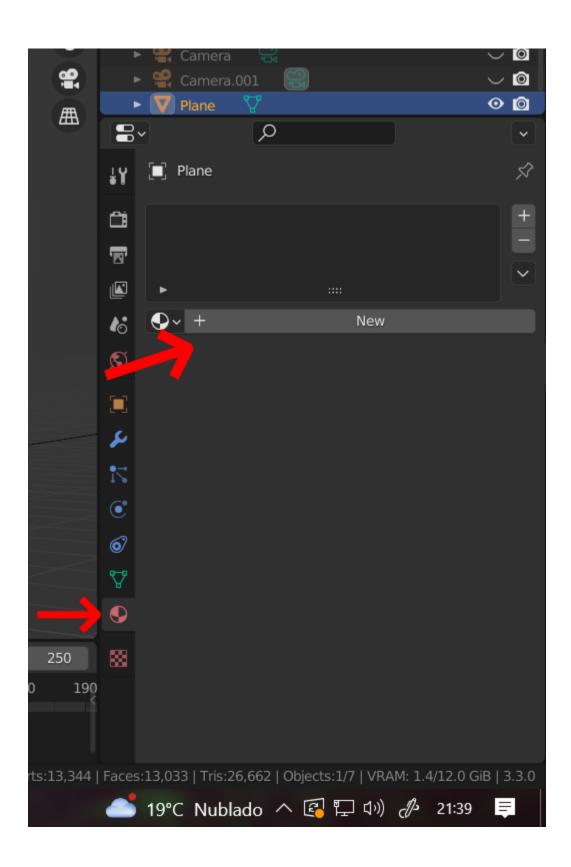


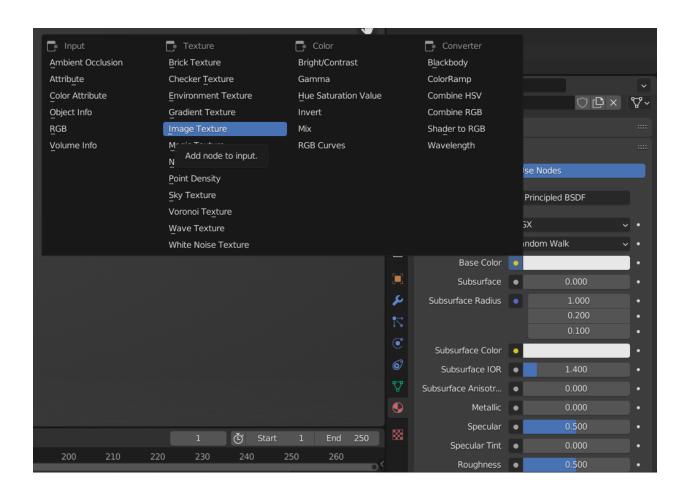


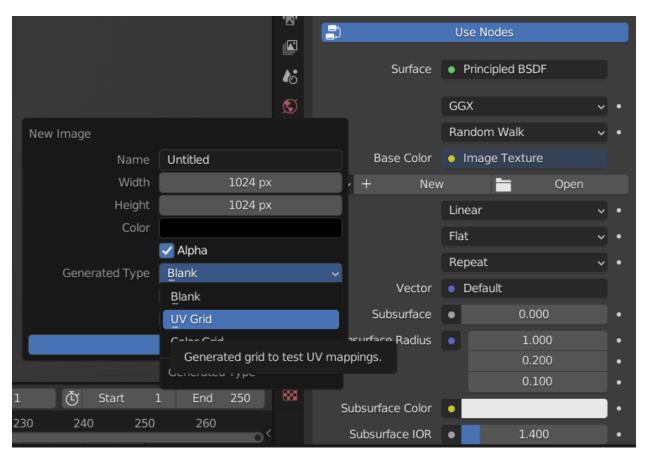




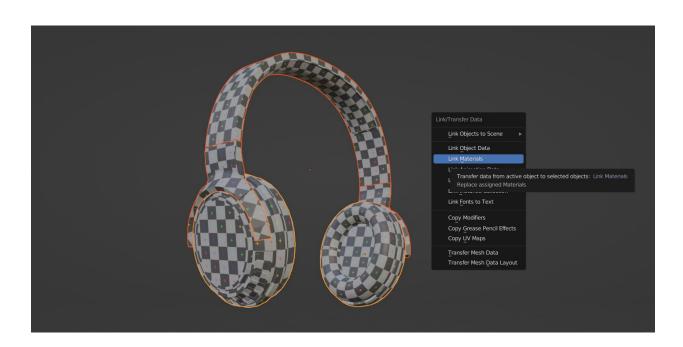




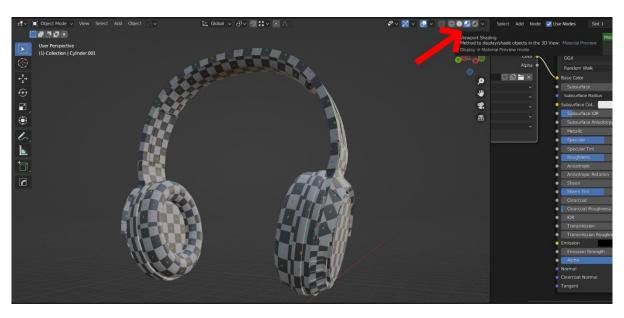


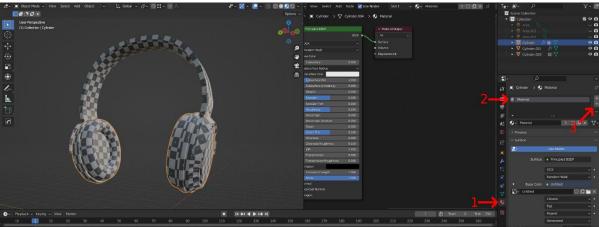


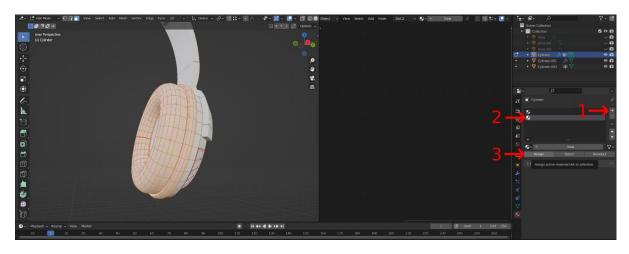




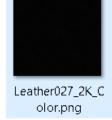
Chapter 4: Texturing Your 3D Asset Using PBR and Procedural Textures













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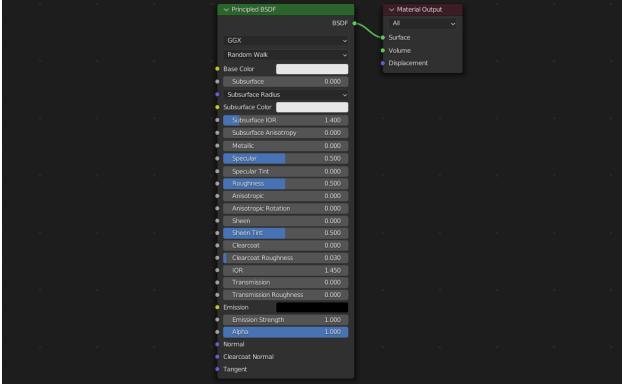


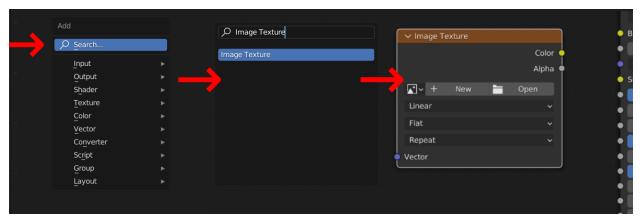
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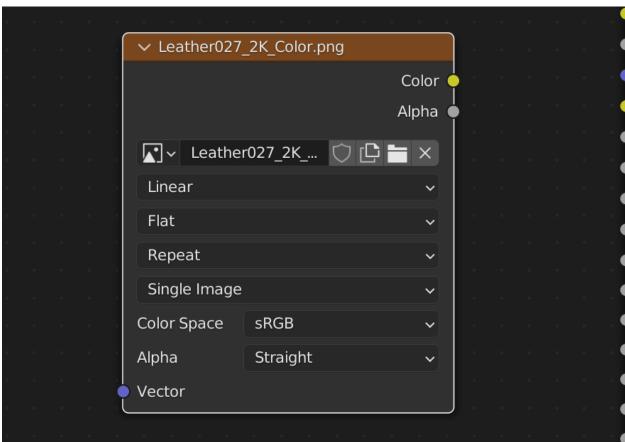


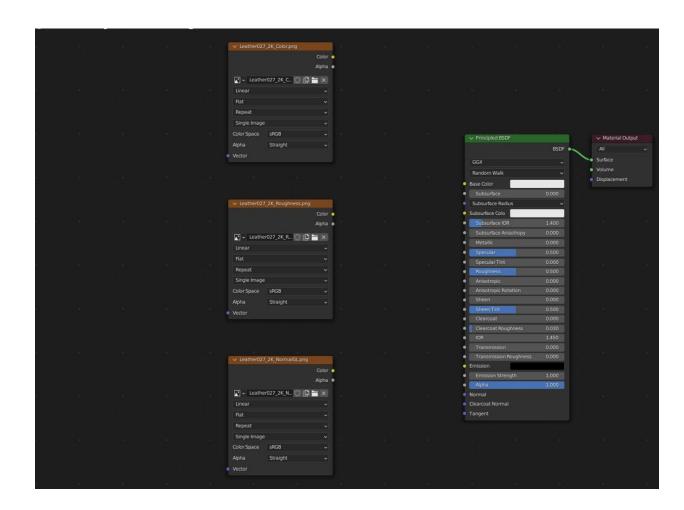


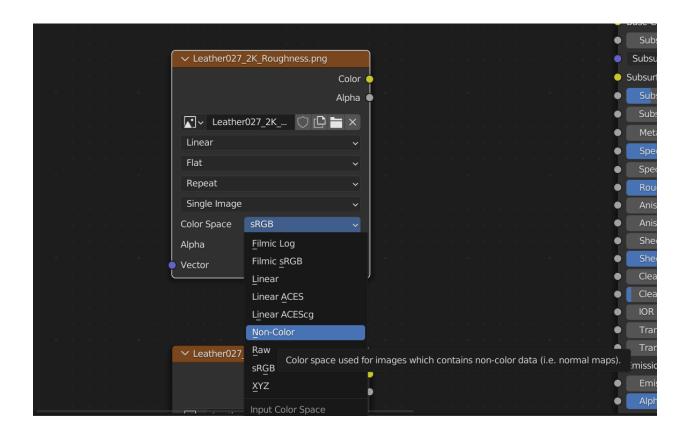


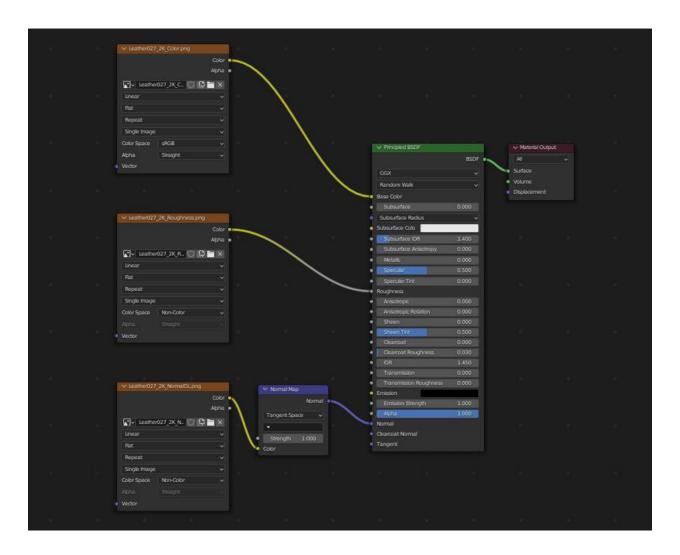




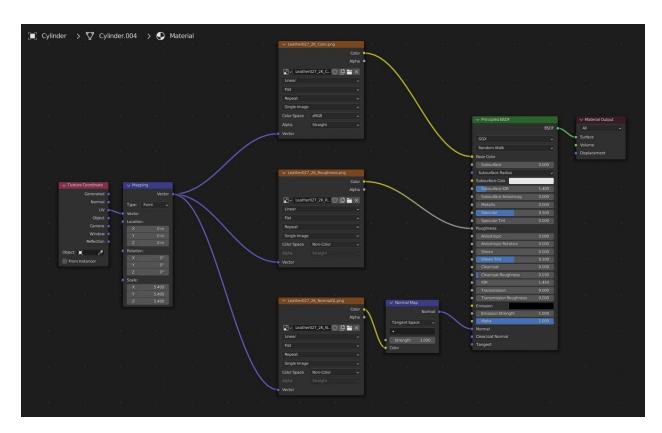


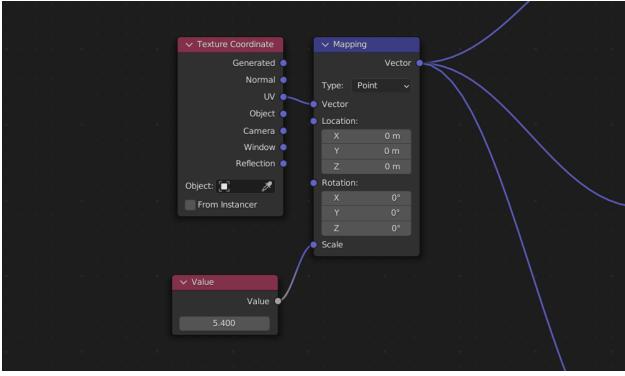


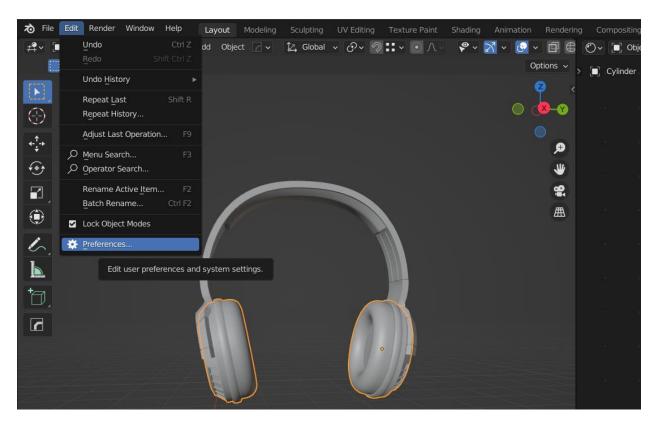


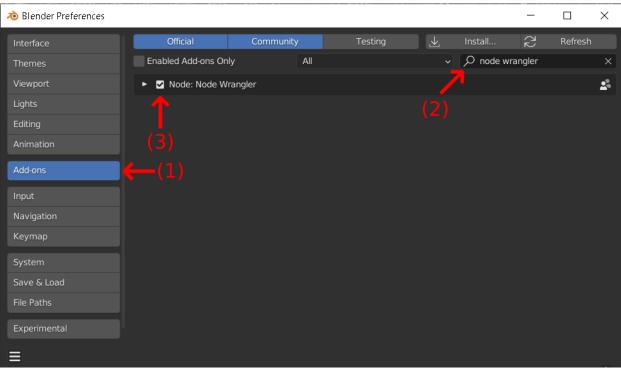




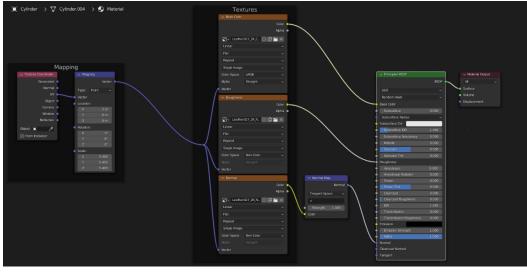


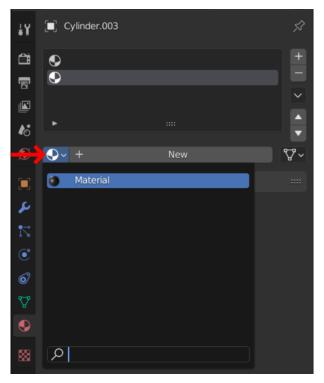






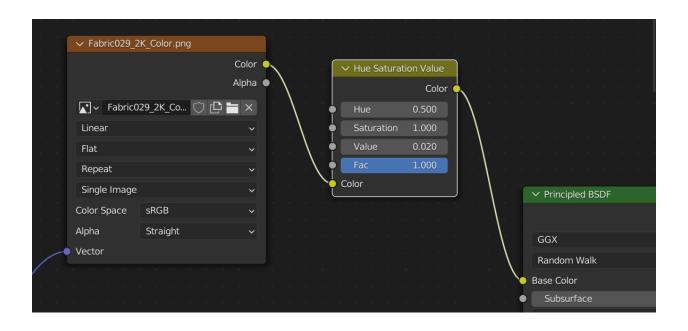




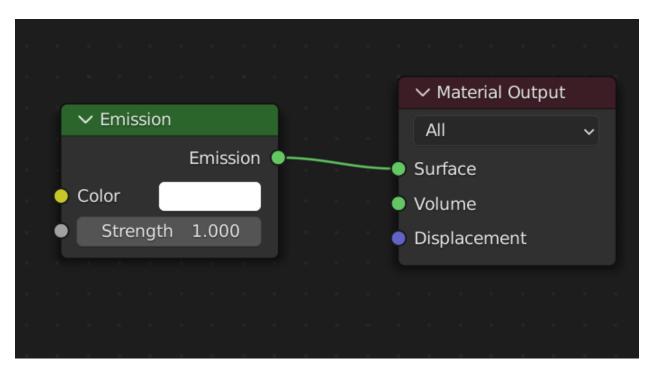


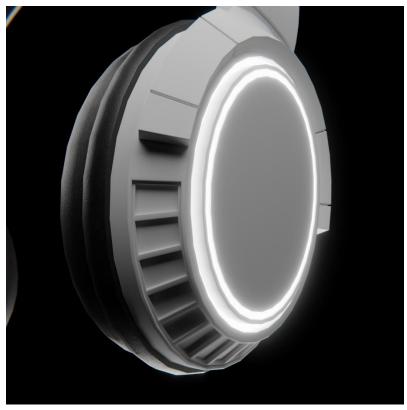


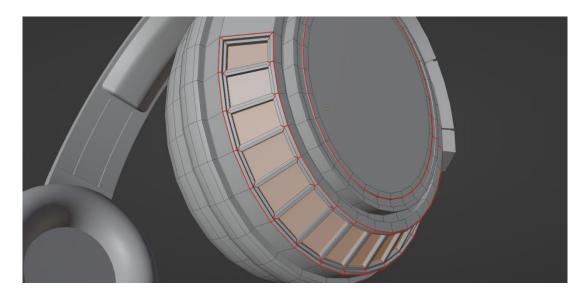


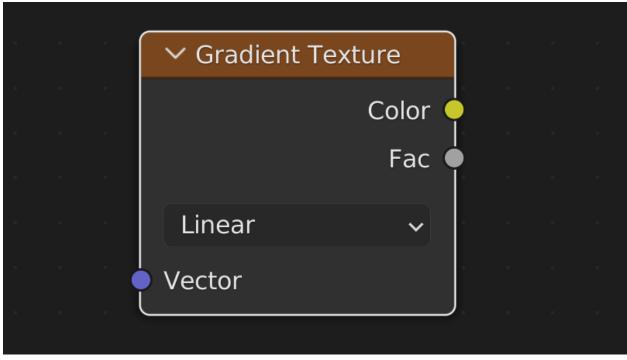


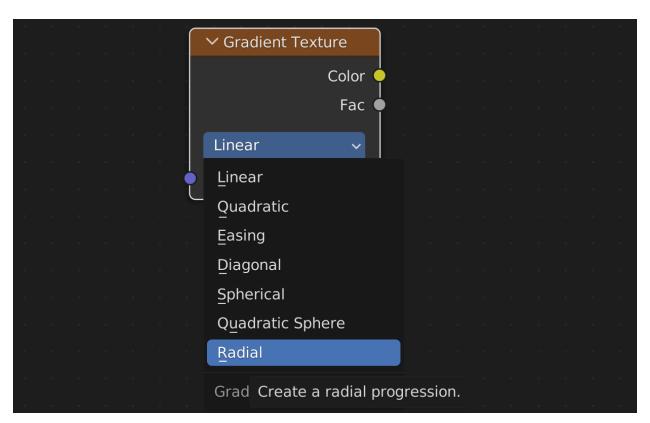


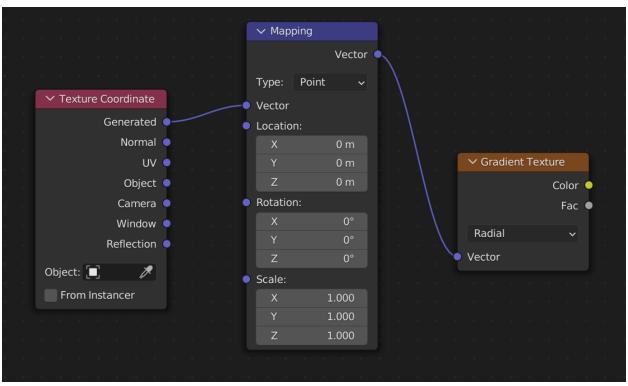






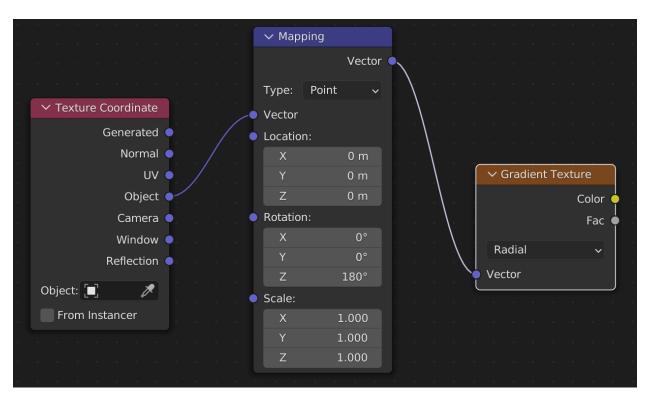


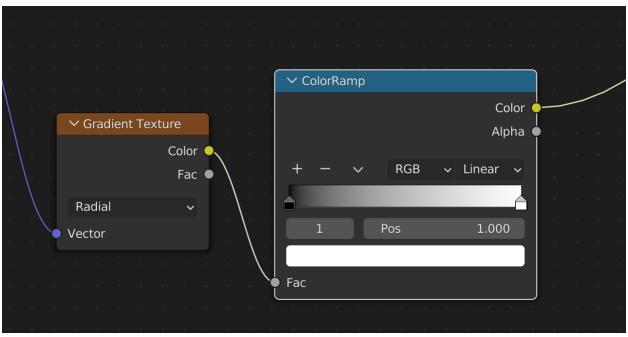


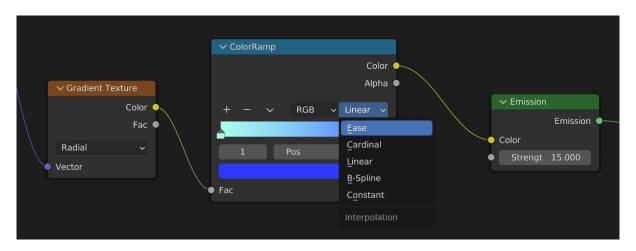


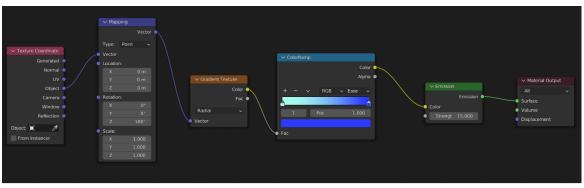






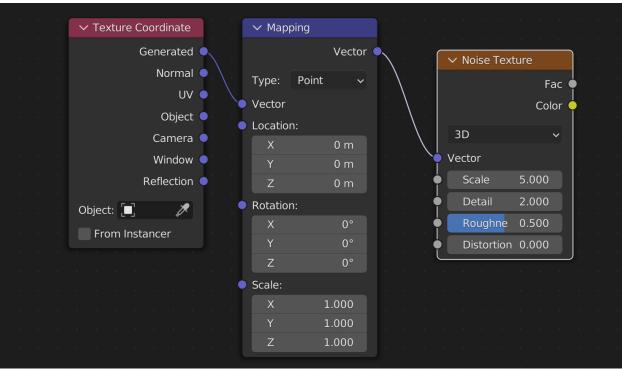




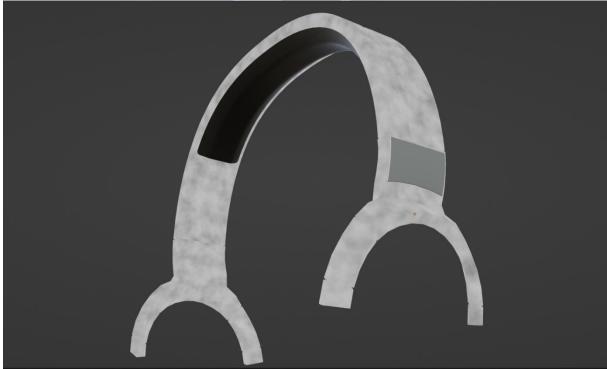


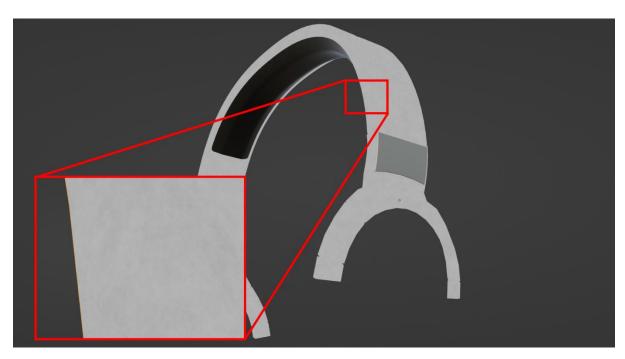




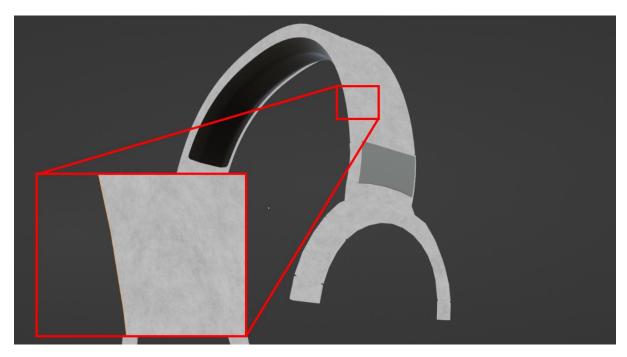


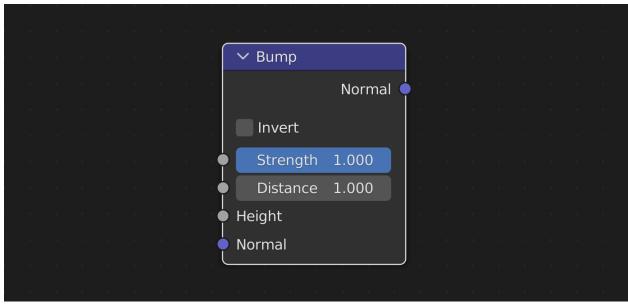


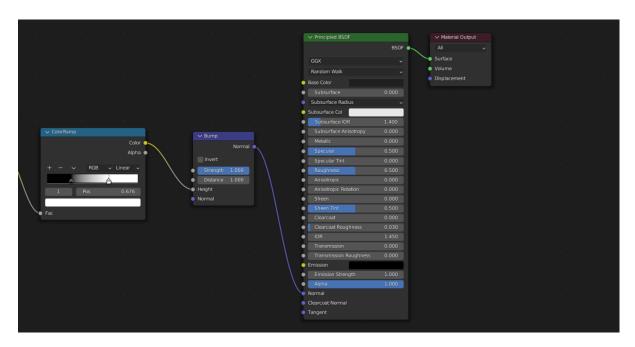


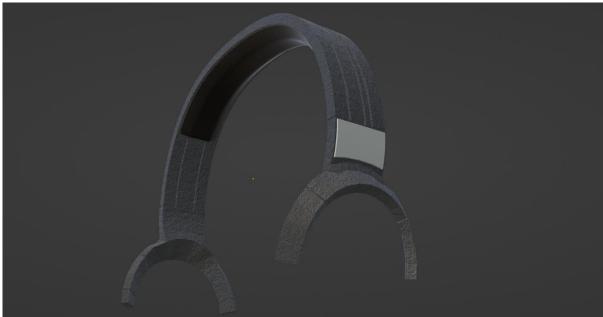


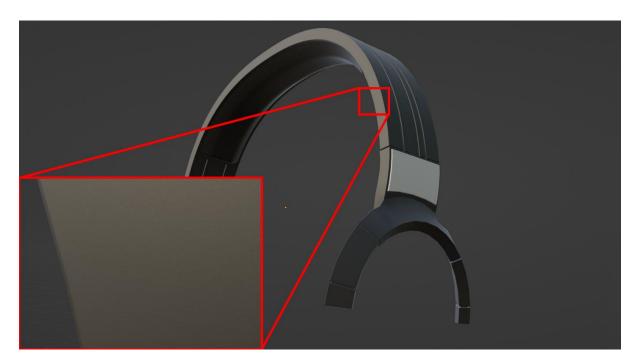


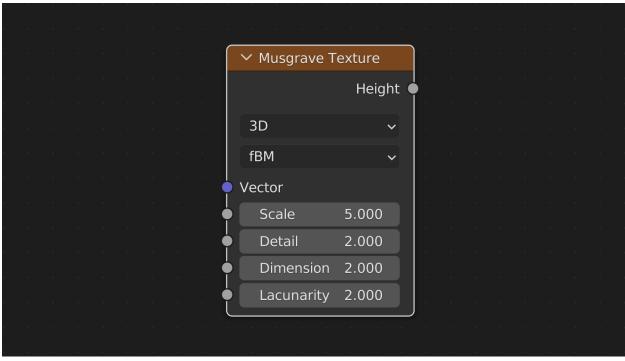


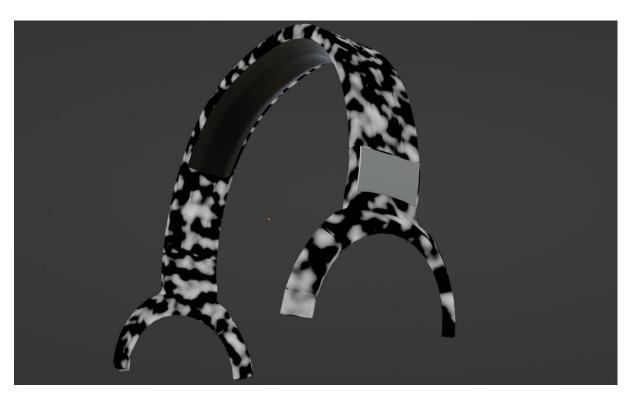


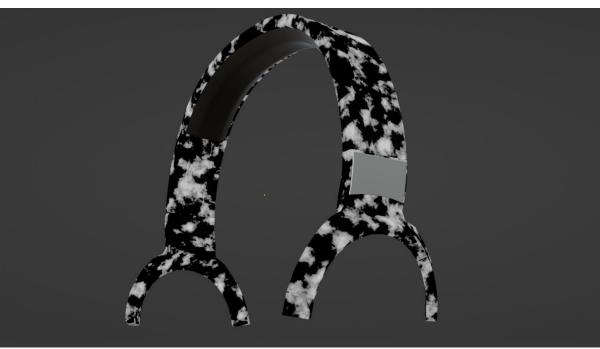




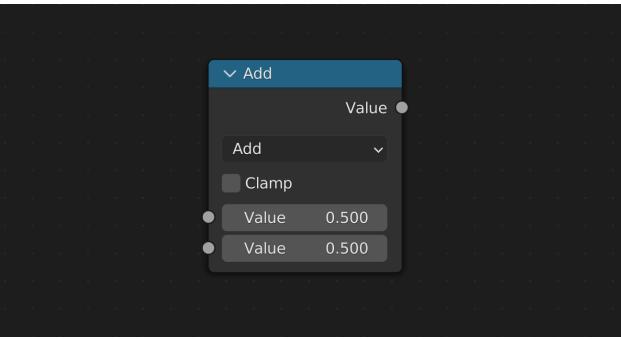




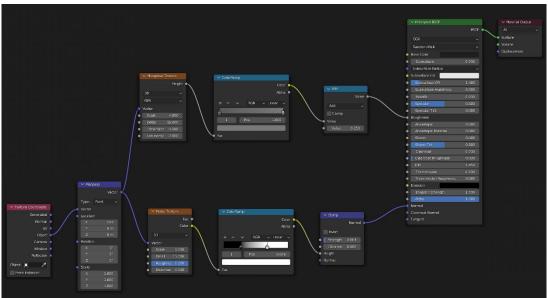






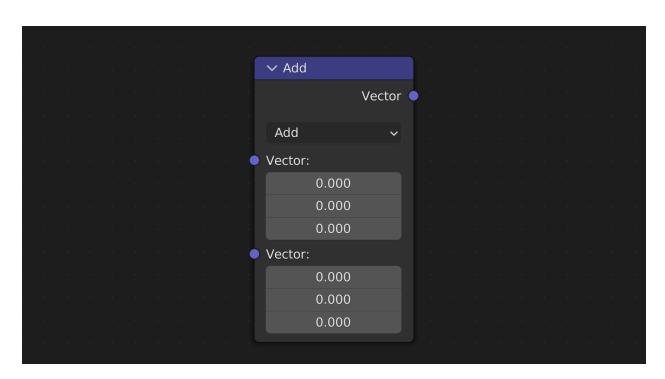


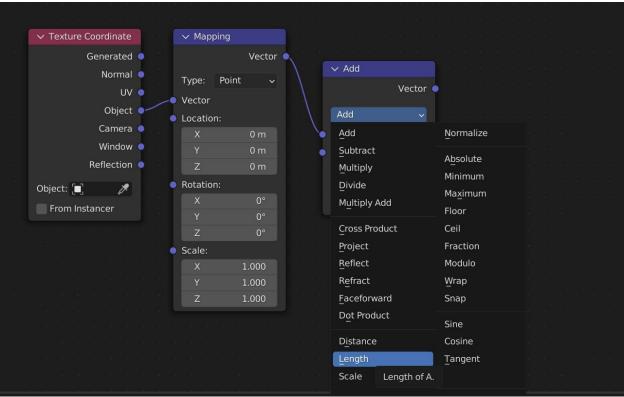




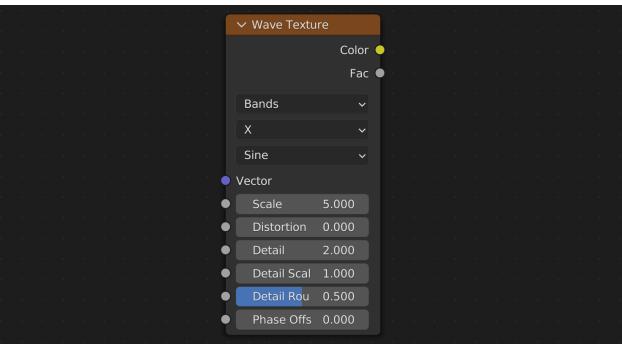




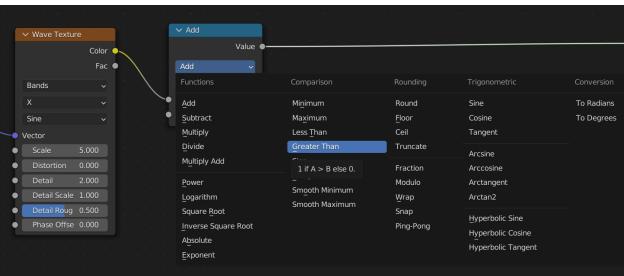




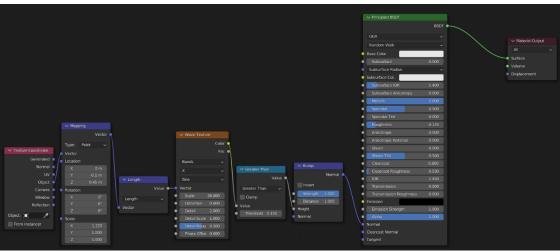


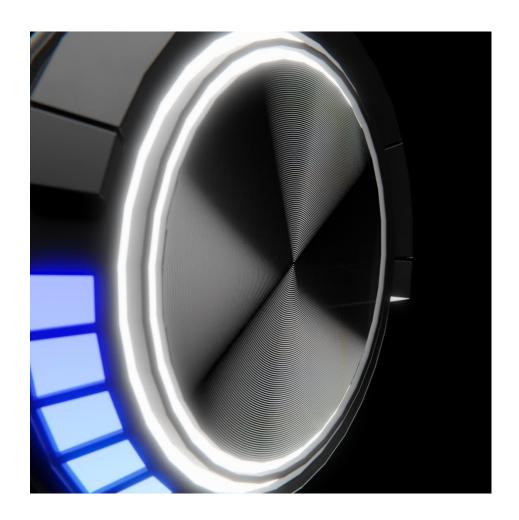




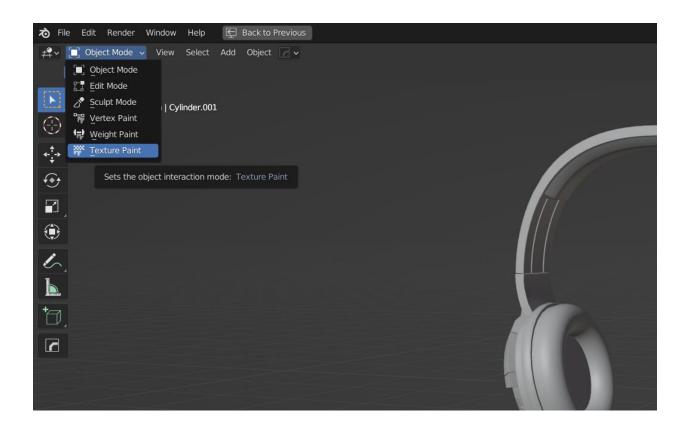


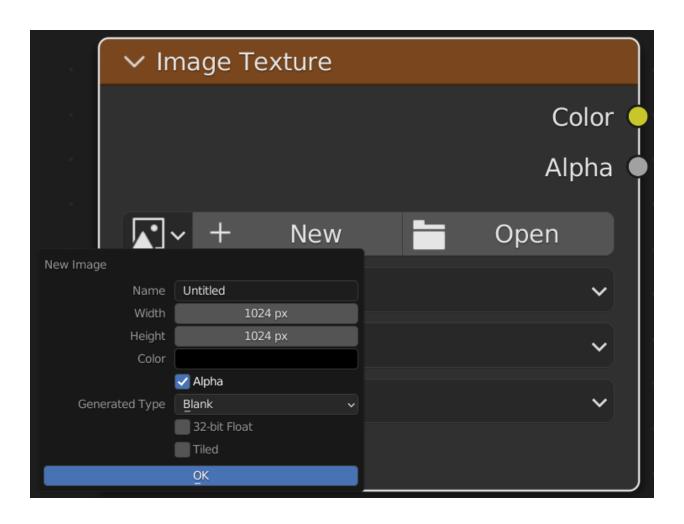


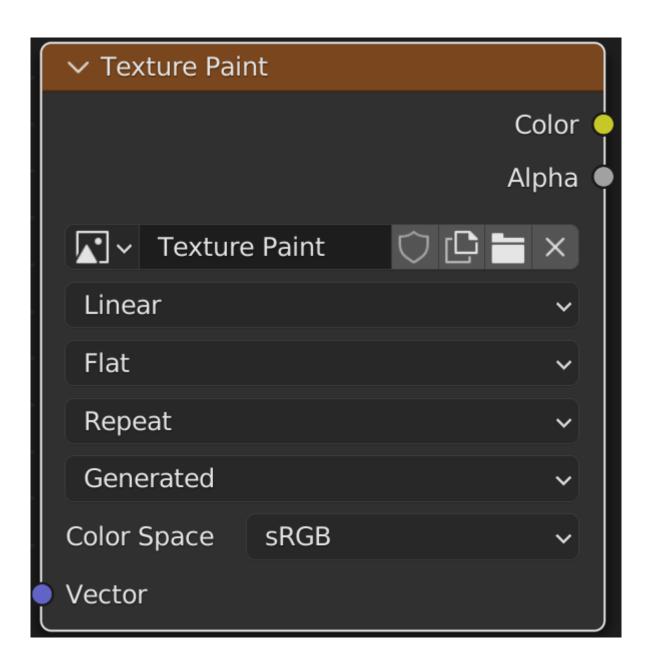


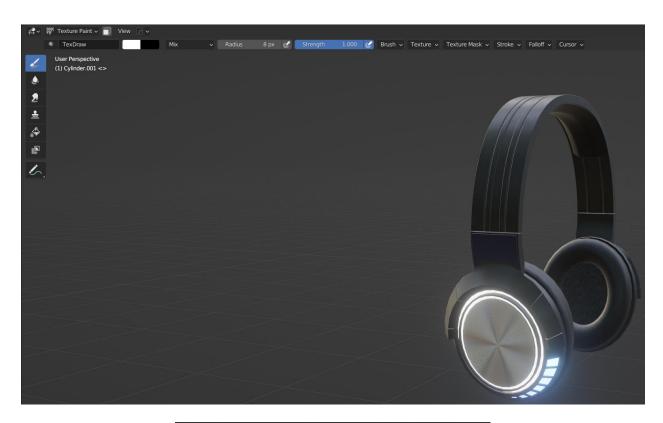


Chapter 5: Texture Painting and Using Real-Life Images as Textures

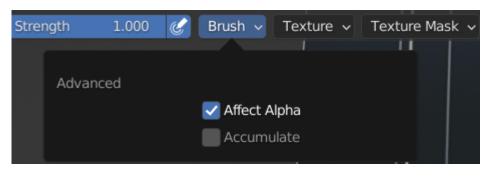


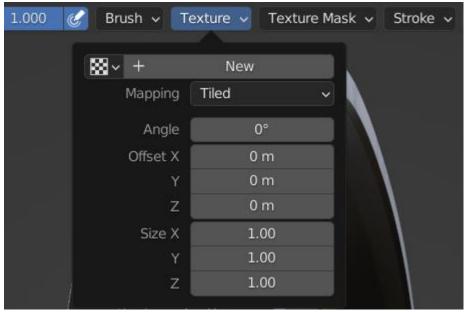


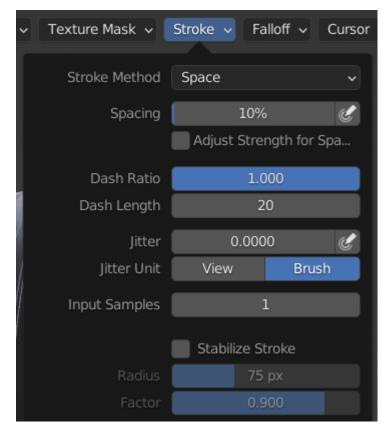


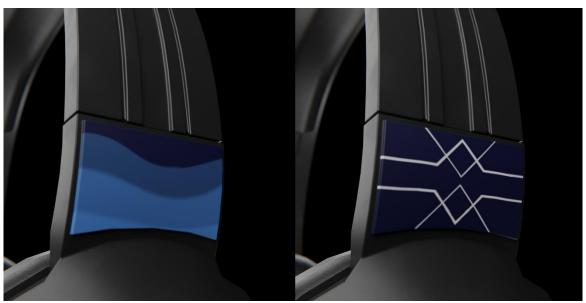


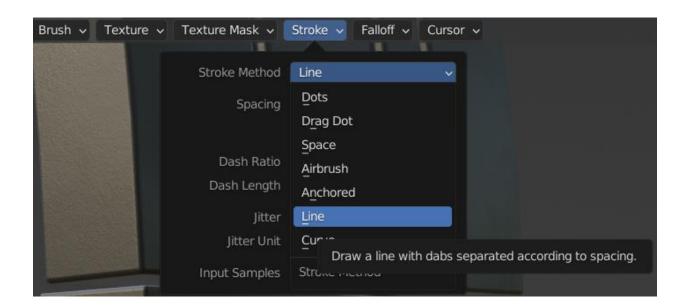


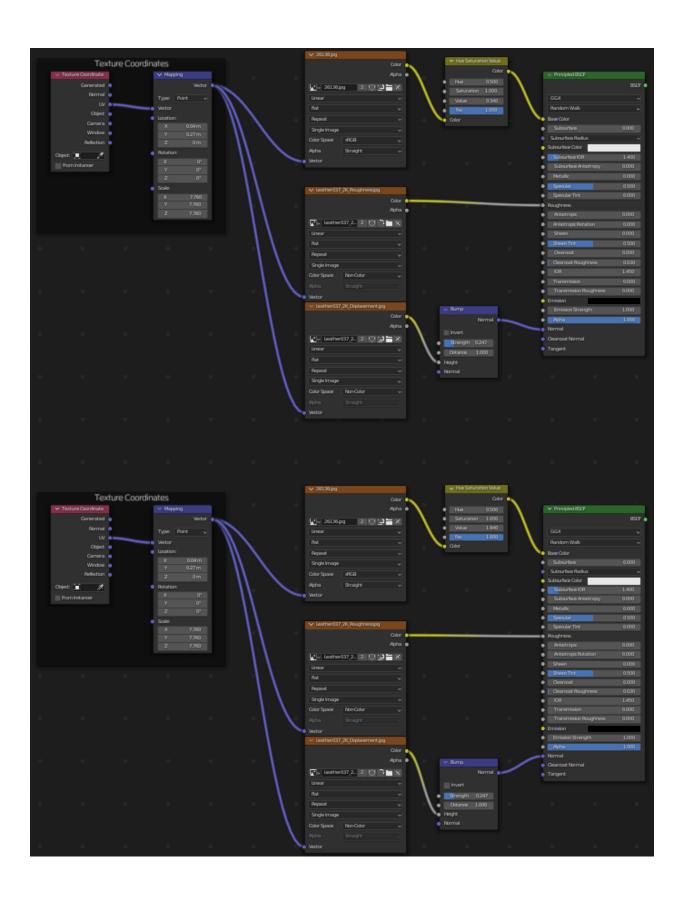




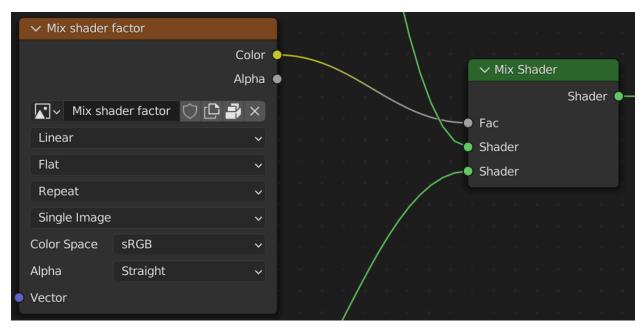


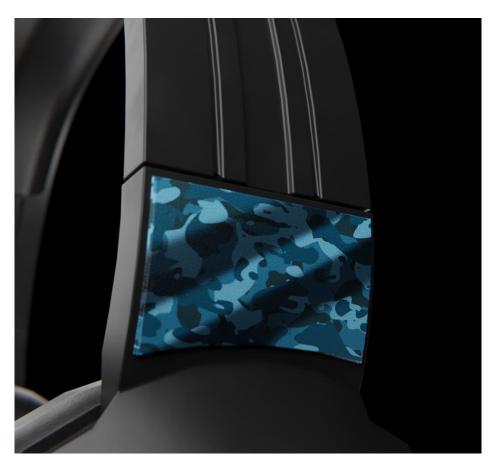


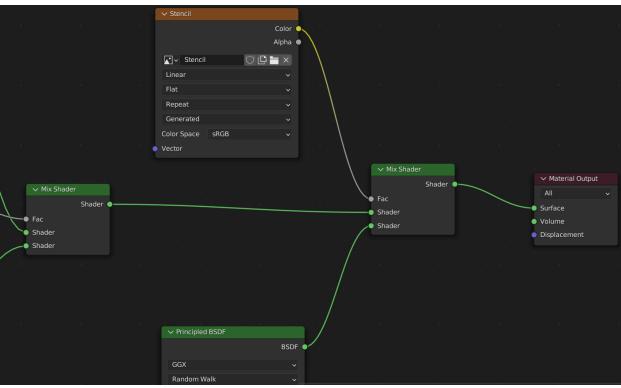


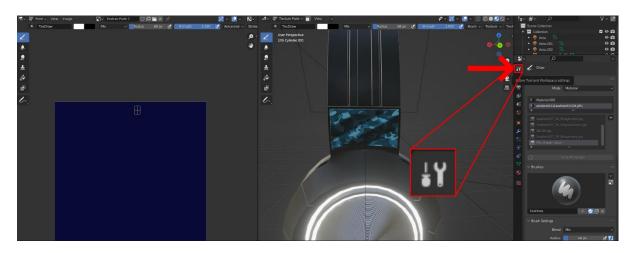


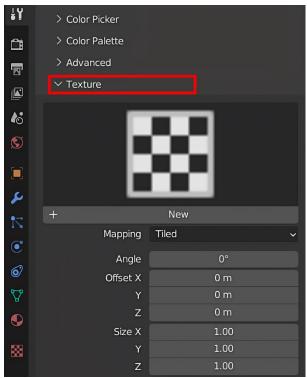


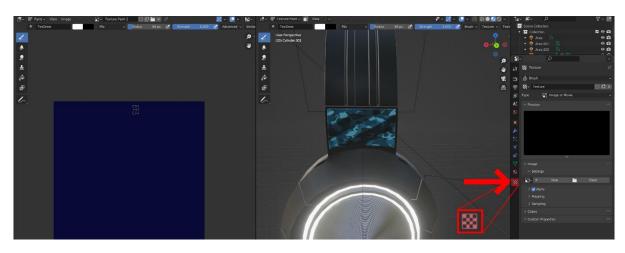


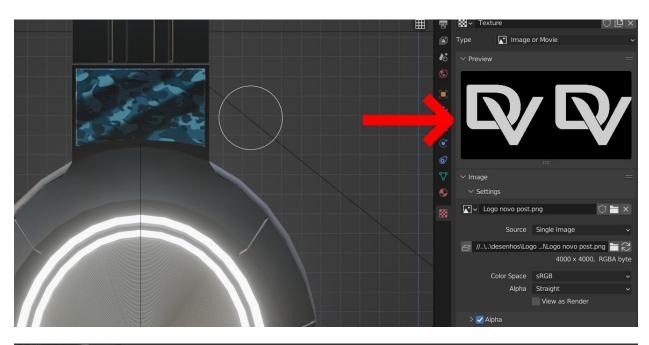


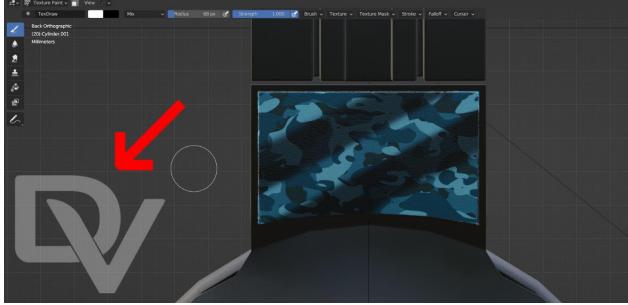


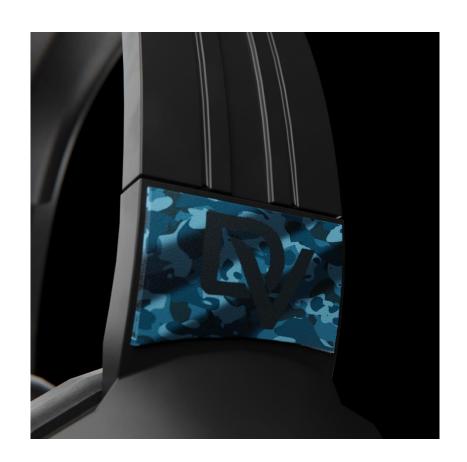


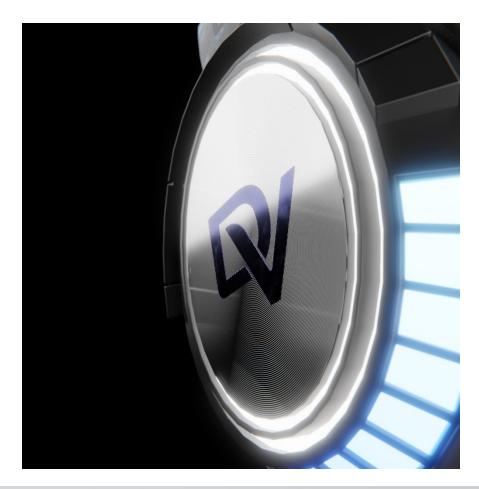


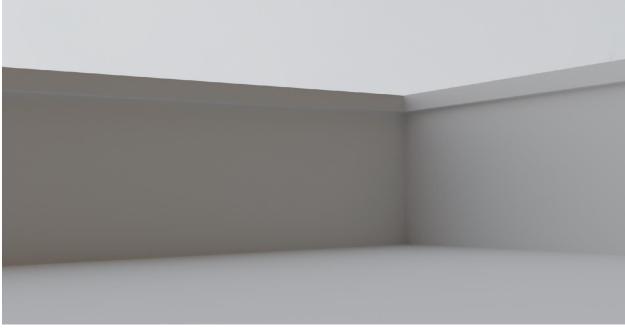


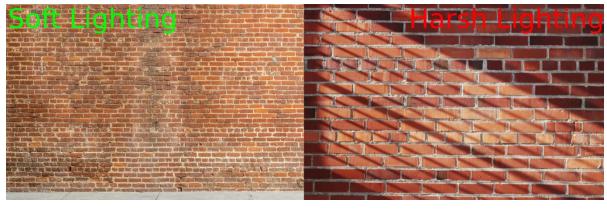


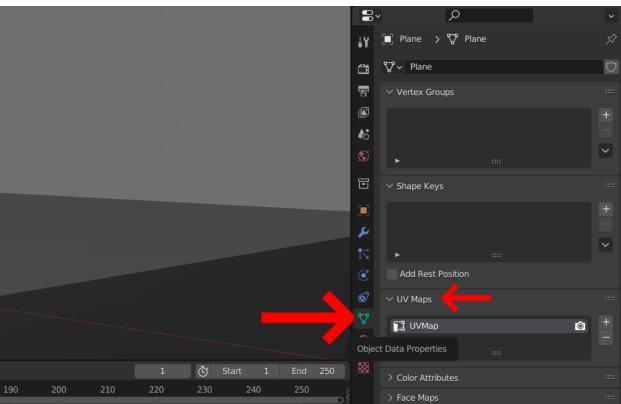




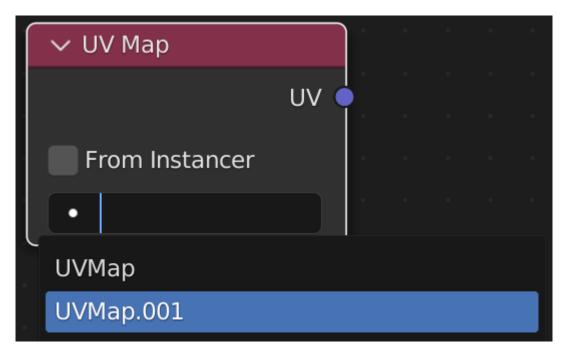




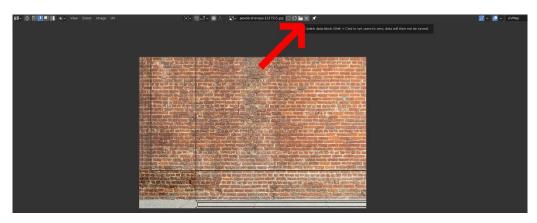


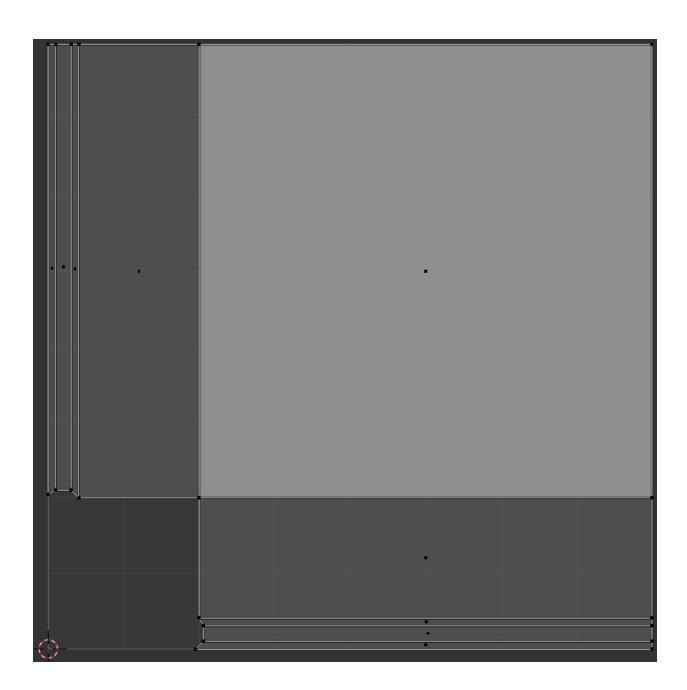




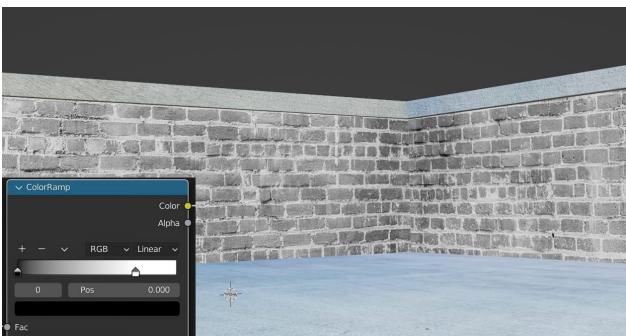


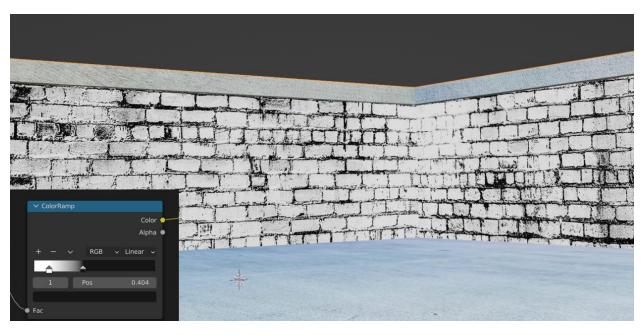








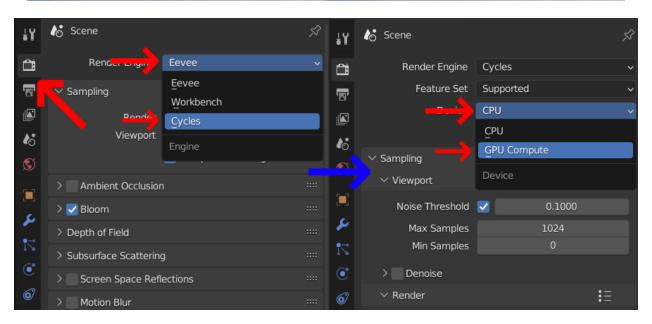


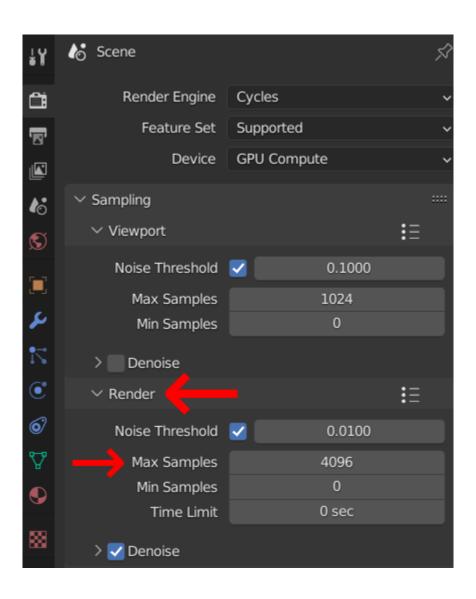


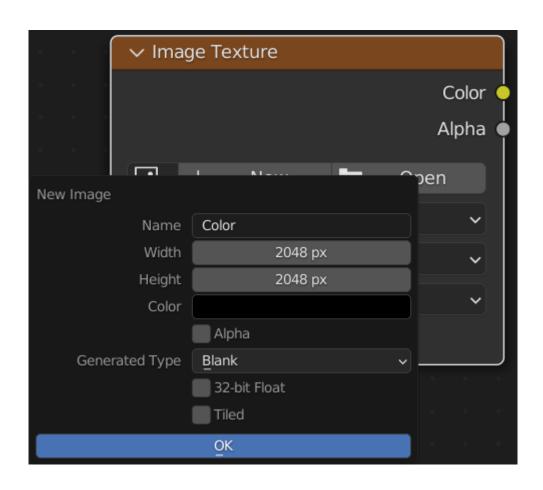


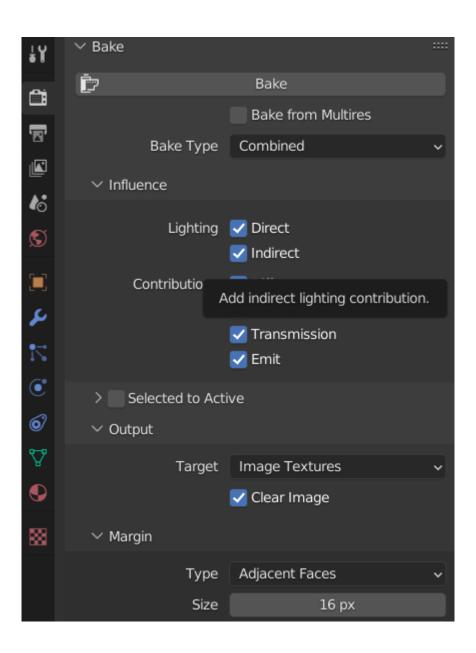




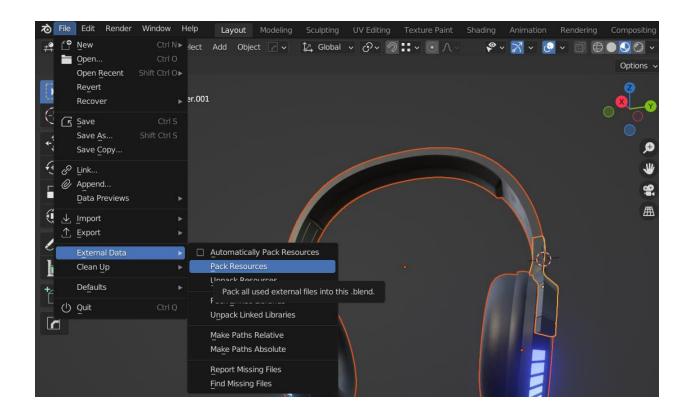


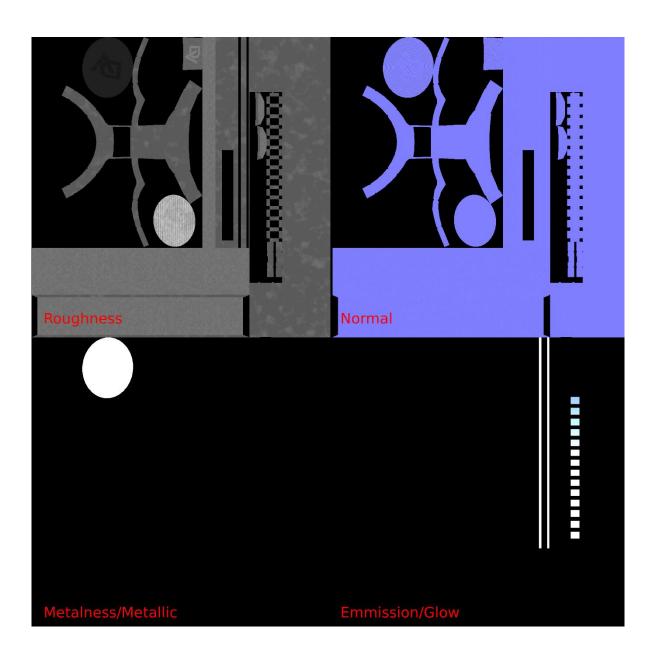






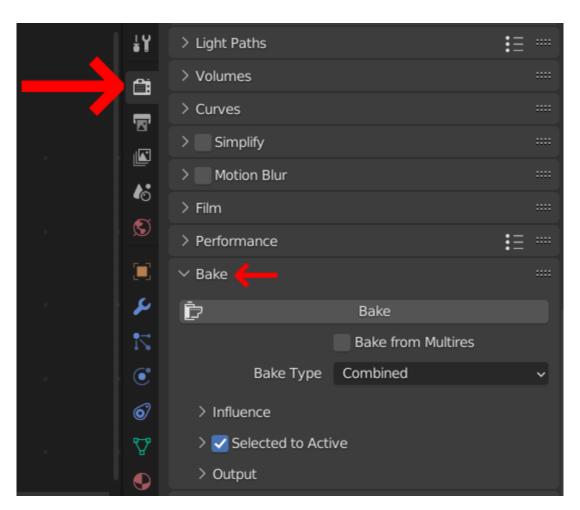








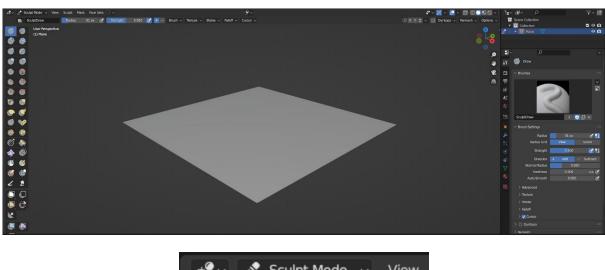


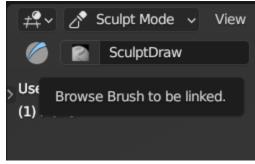




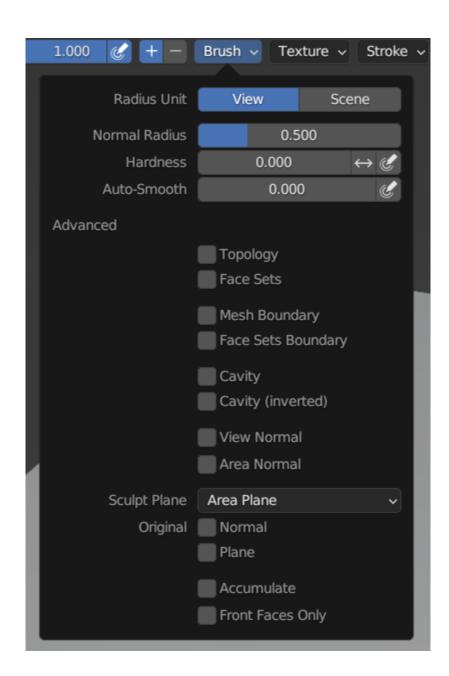


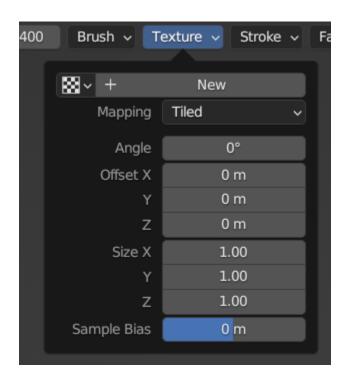
Chapter 6: Introduction to Blender's Sculpting Tools

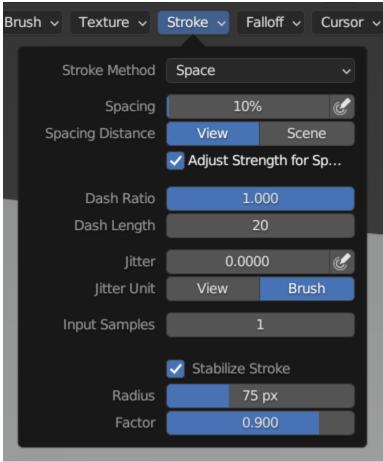


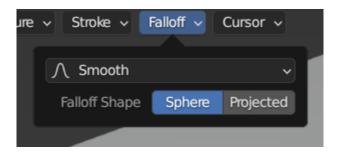


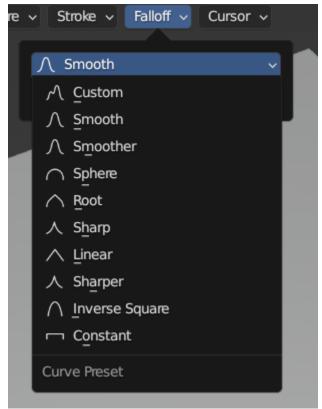


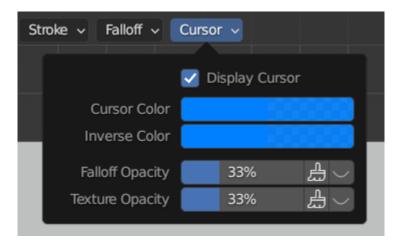


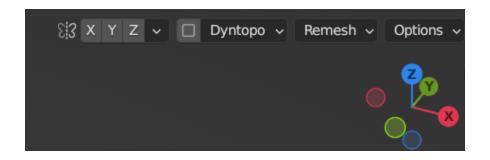


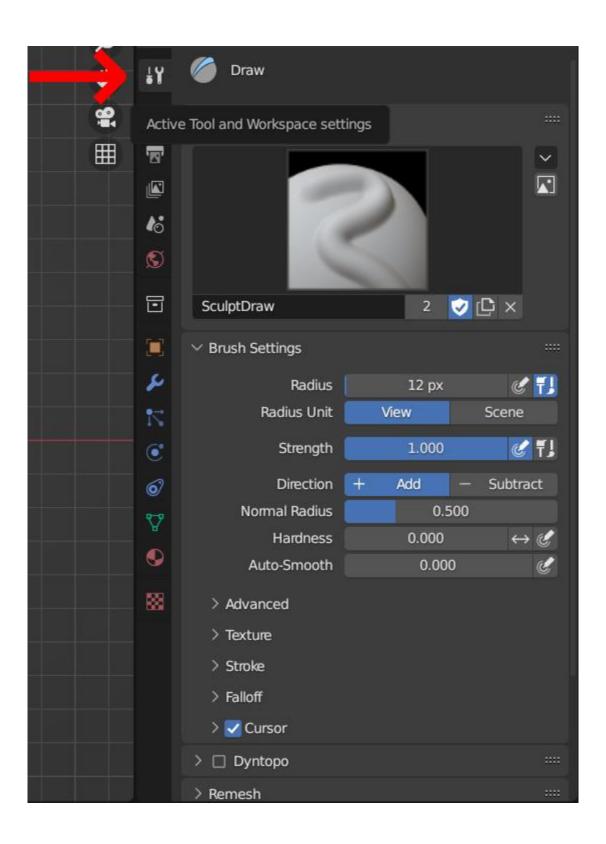




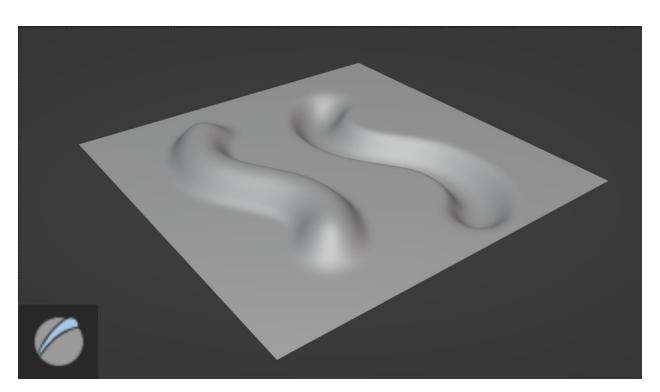


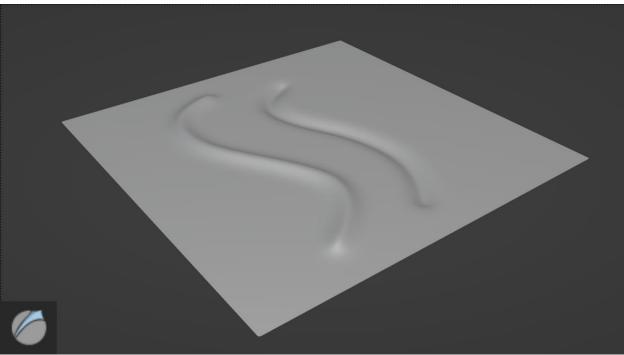


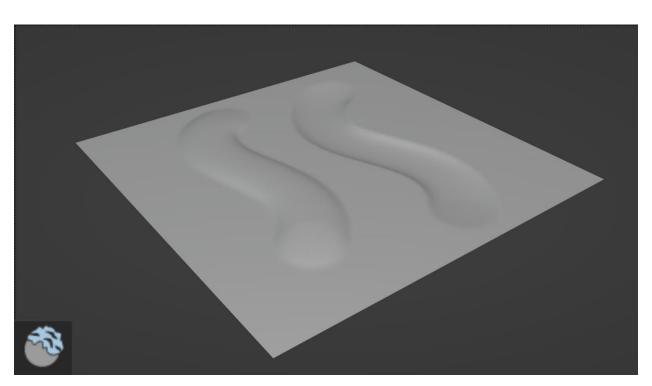


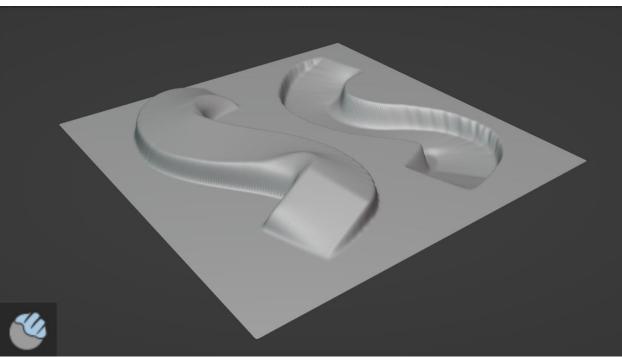


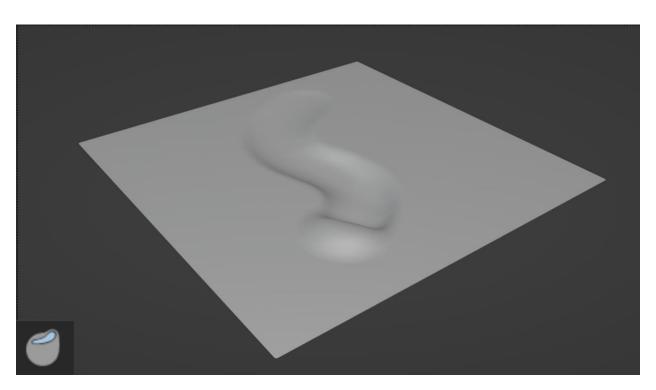


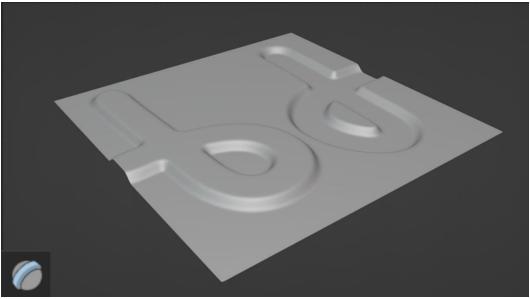


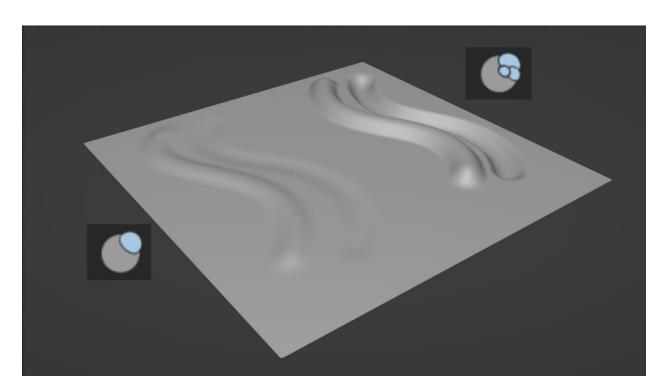


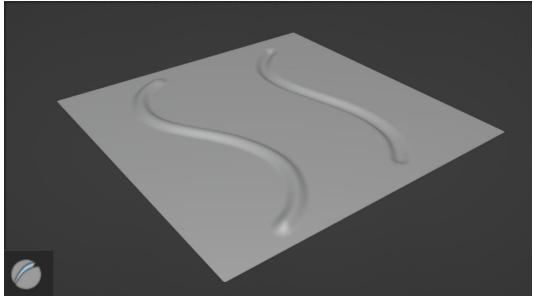


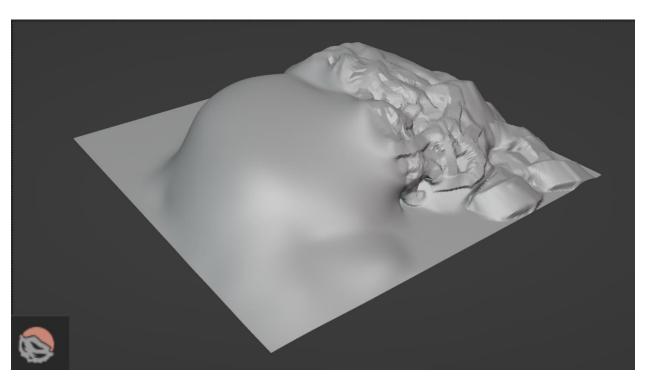


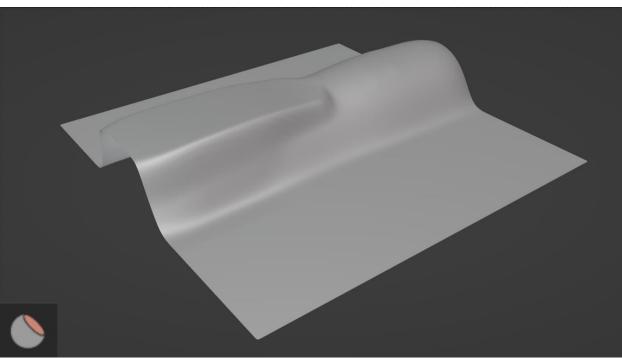


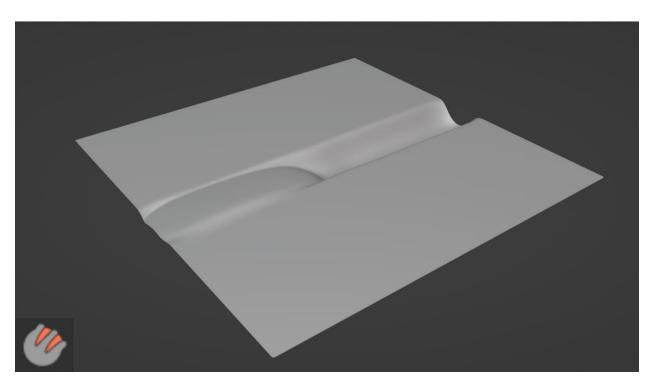


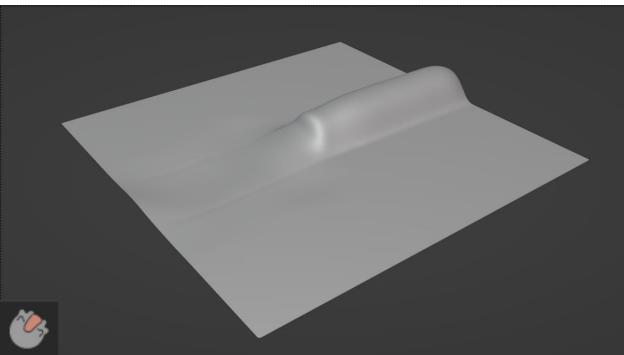


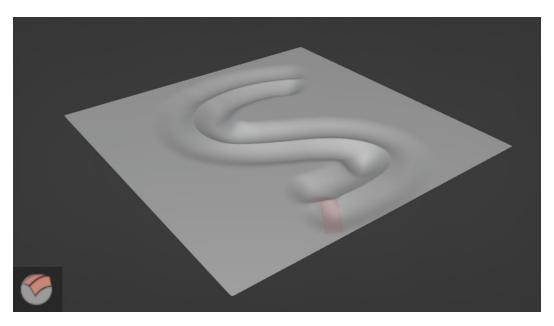


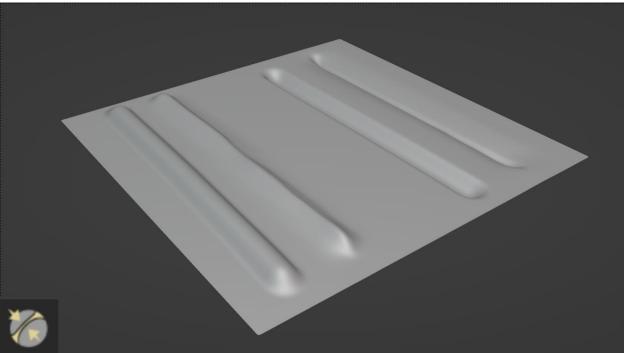


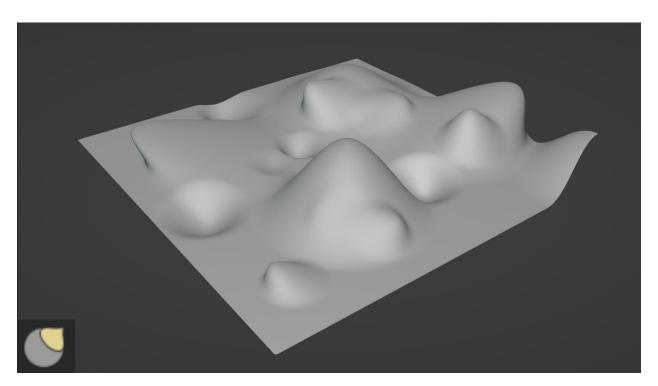


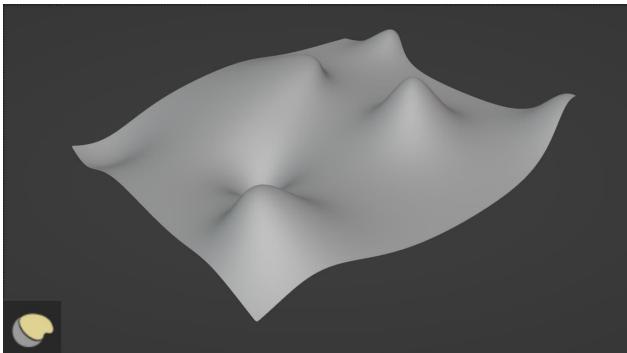


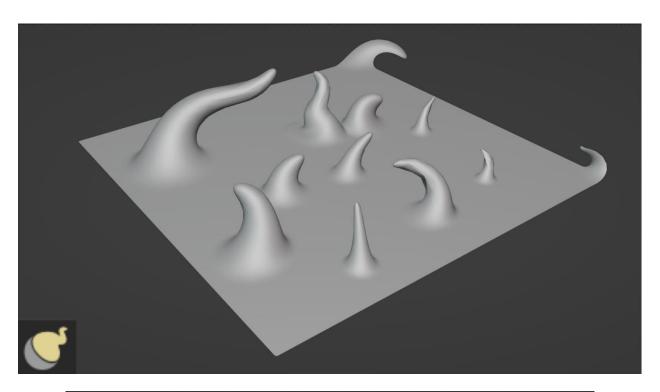


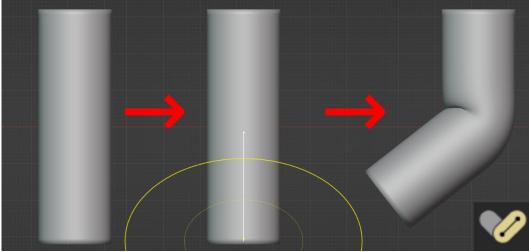


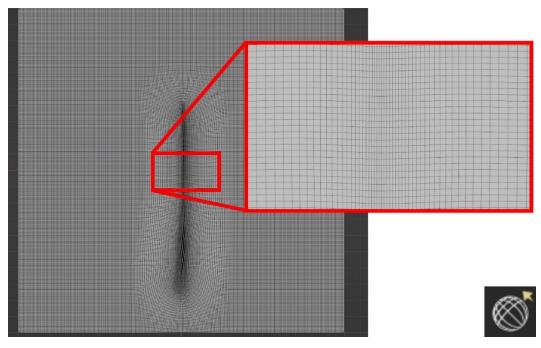


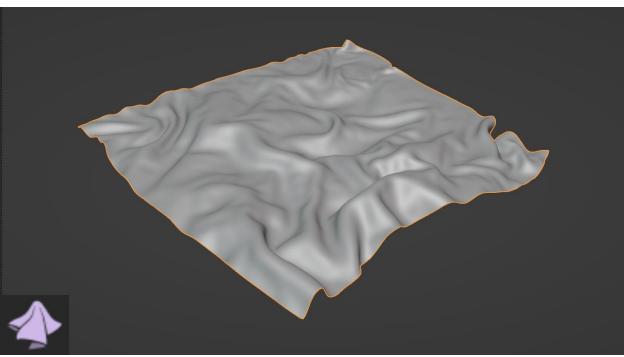


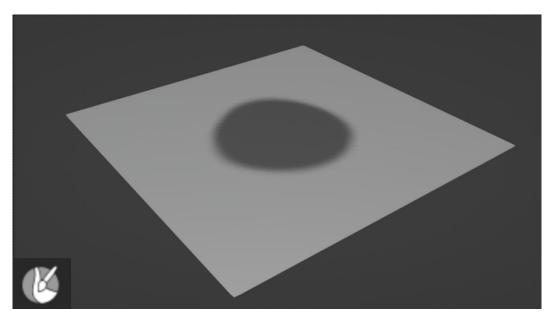


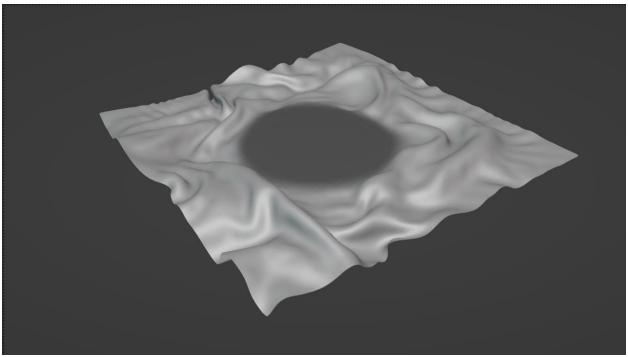


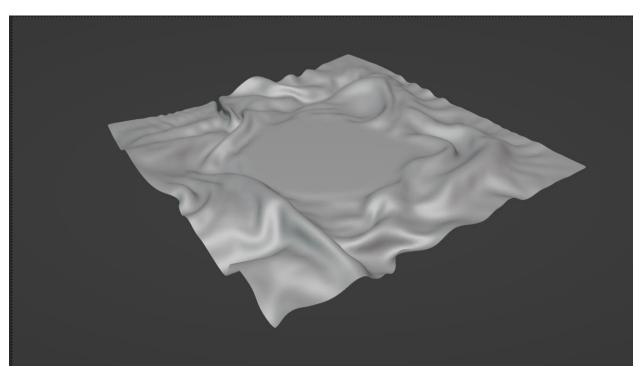


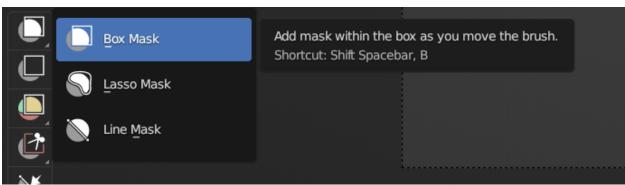


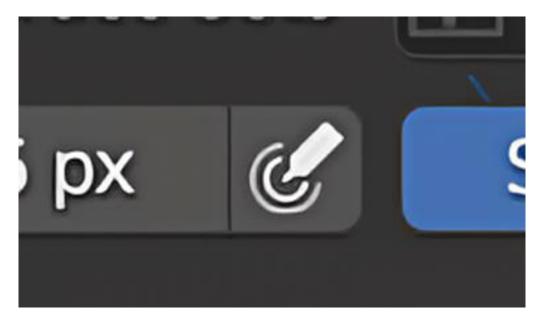


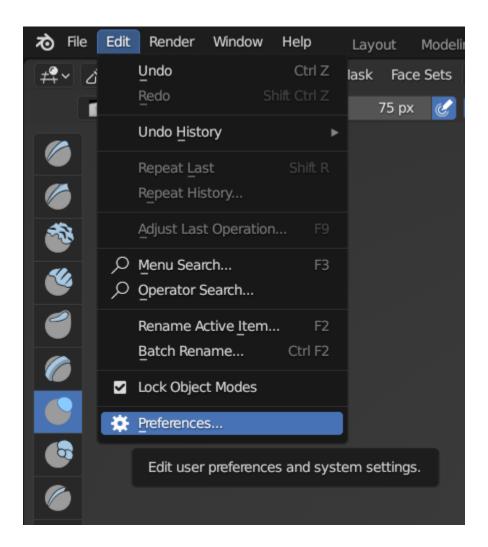


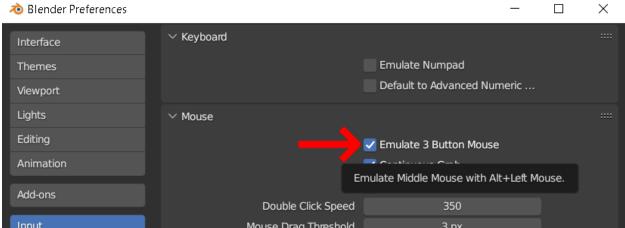


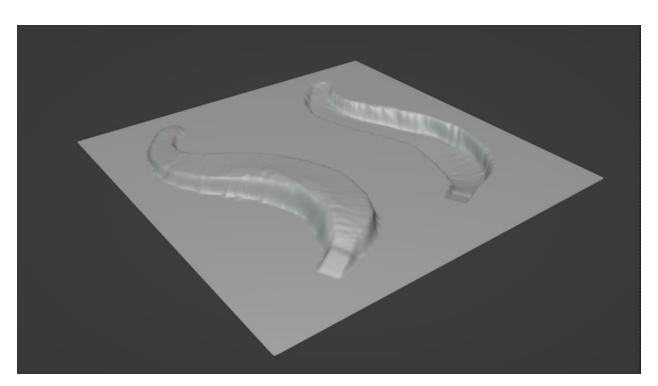


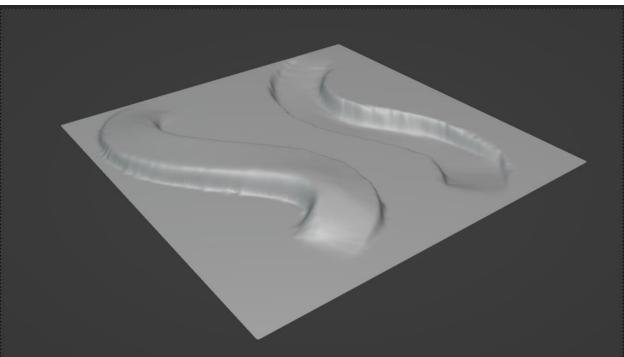


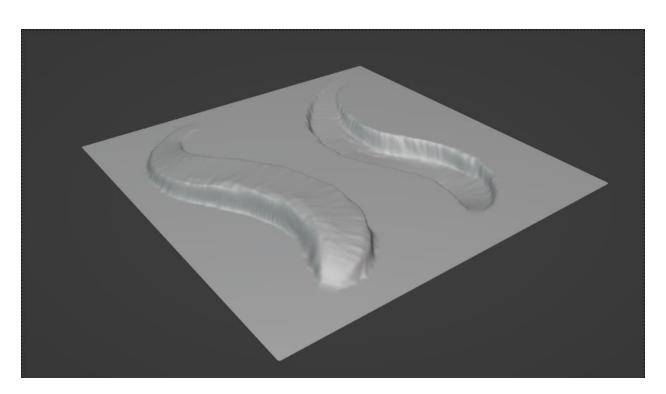












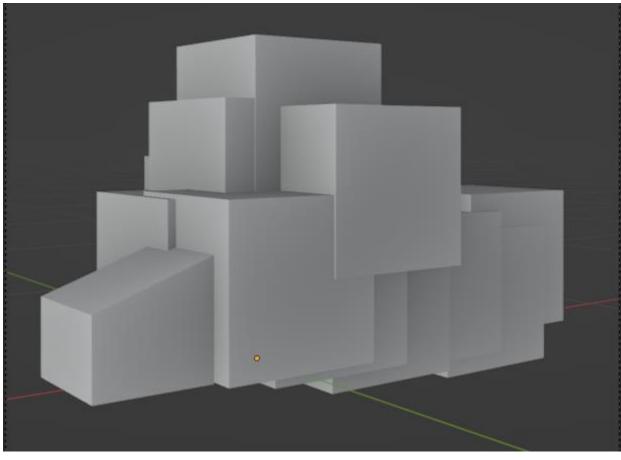


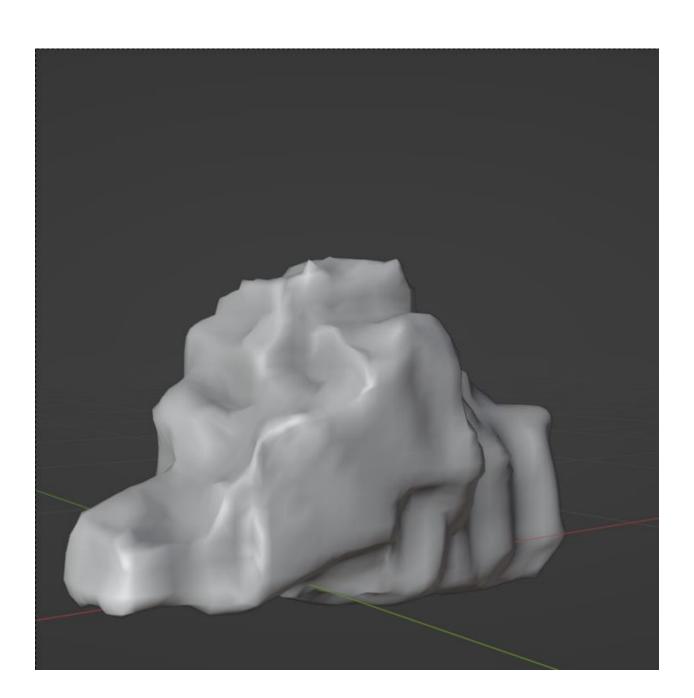


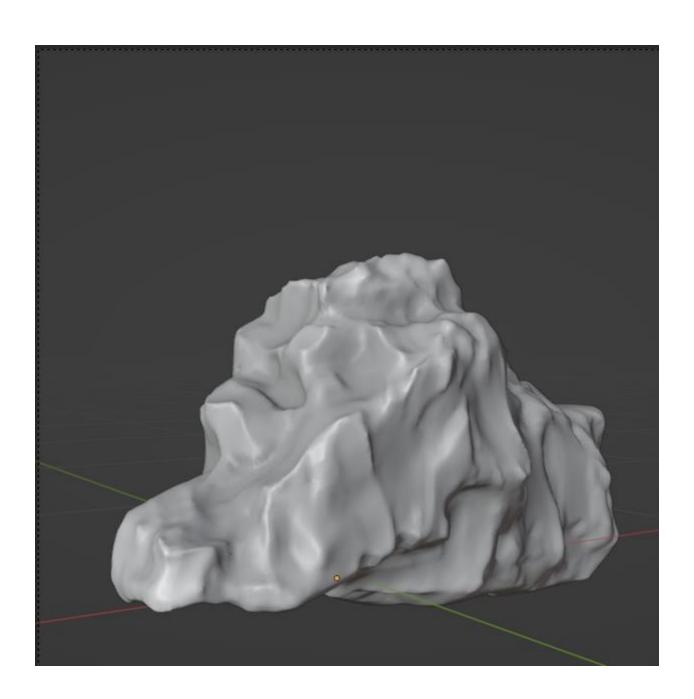


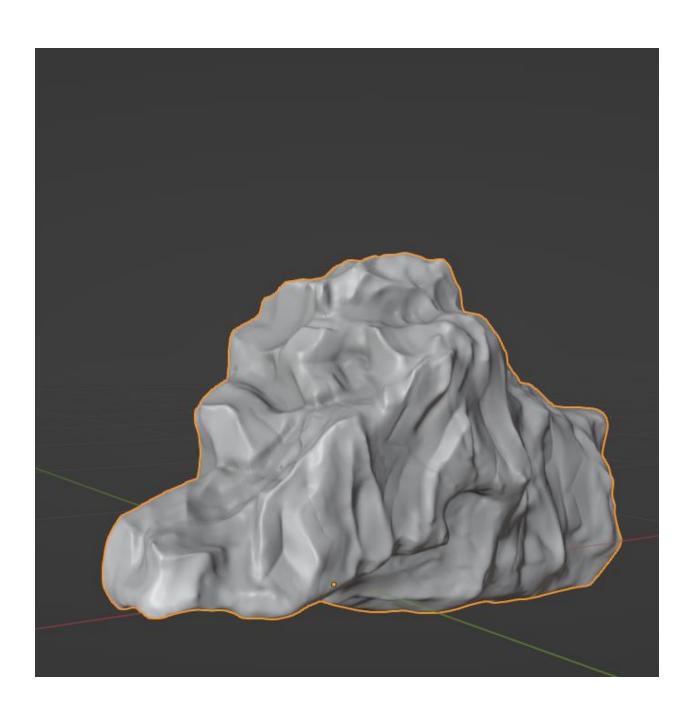






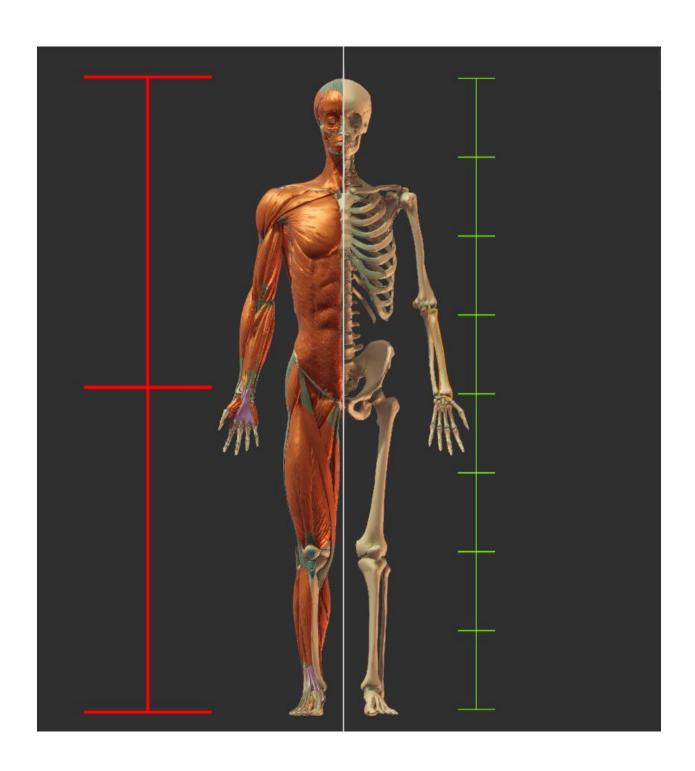


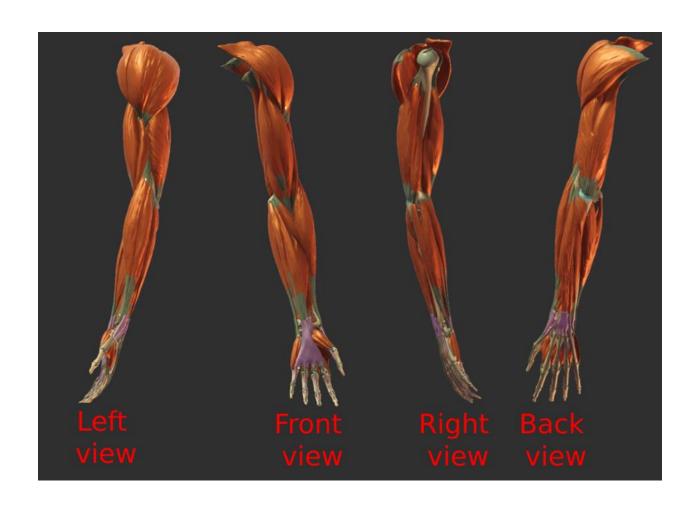


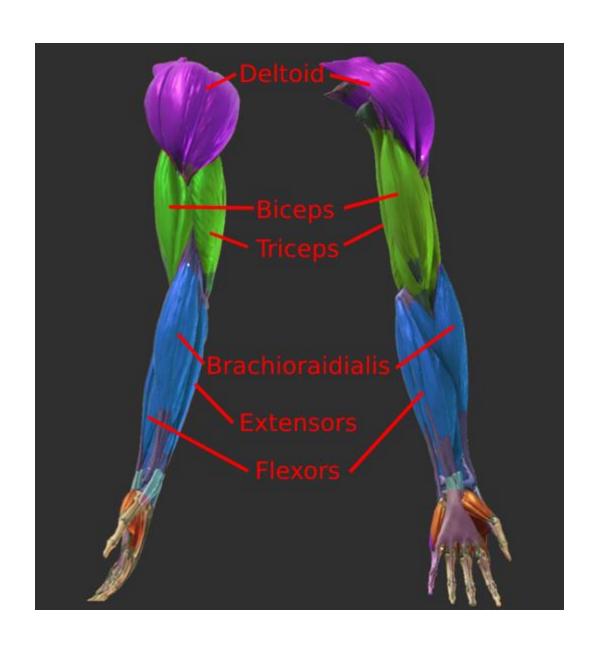




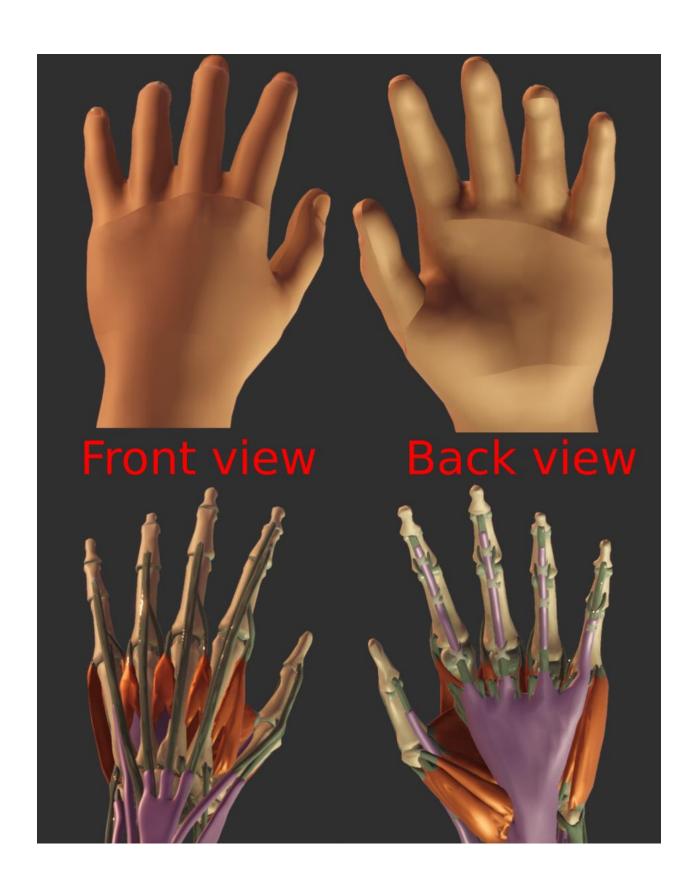
Chapter 7: Making the Base Mesh for a Humanoid Character

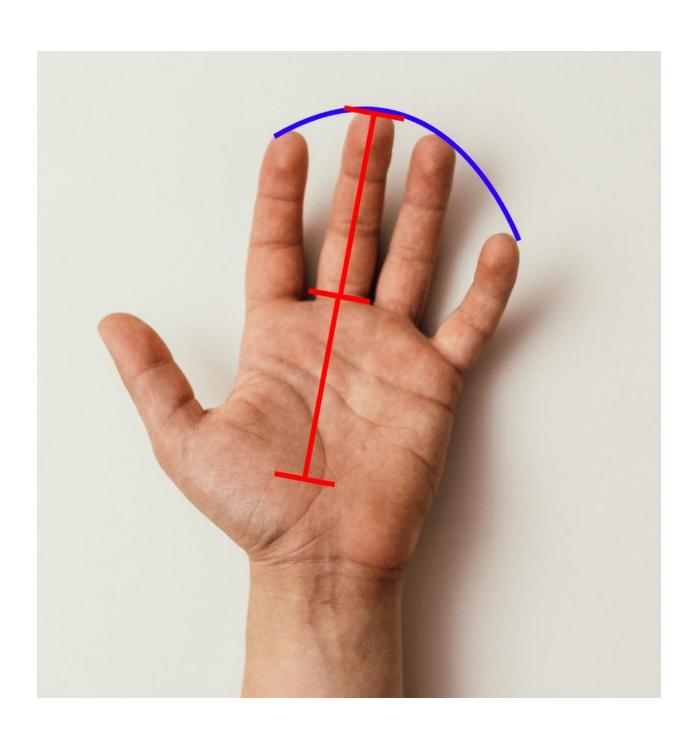


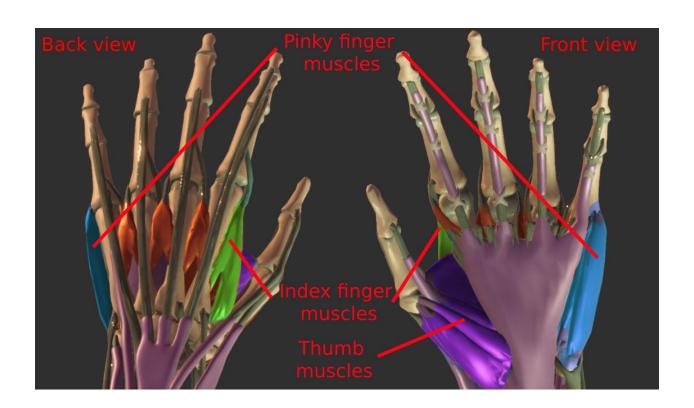


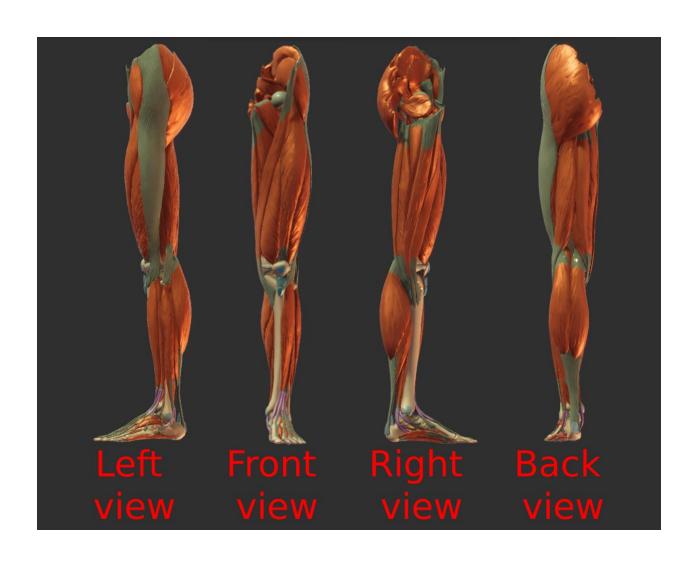


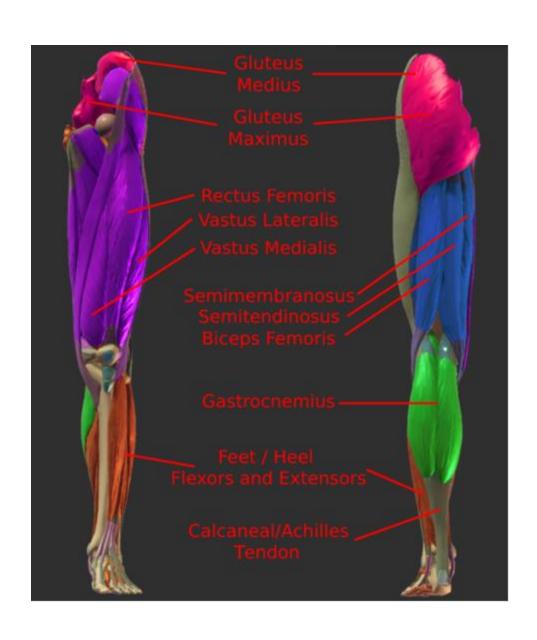


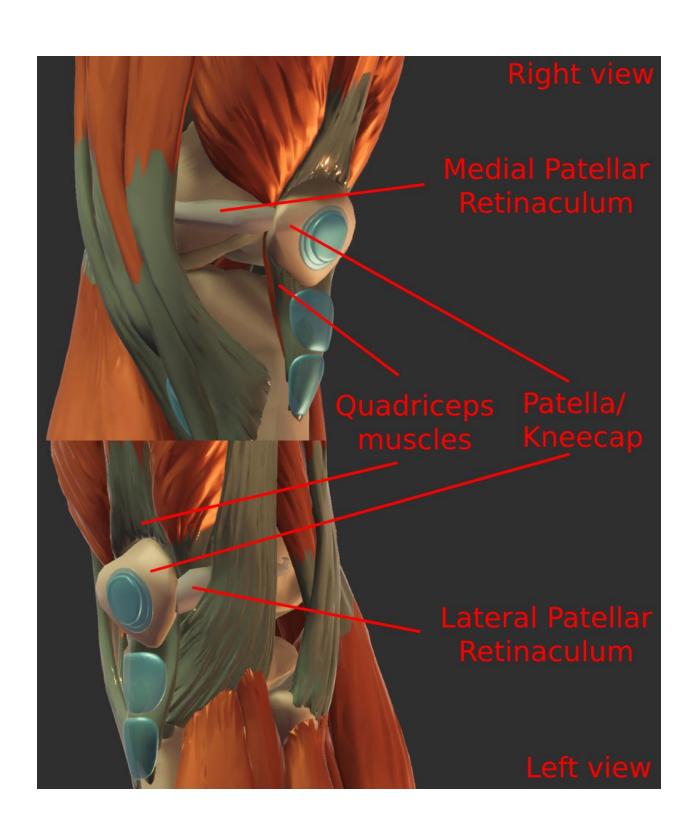


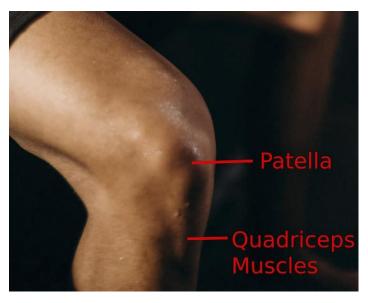




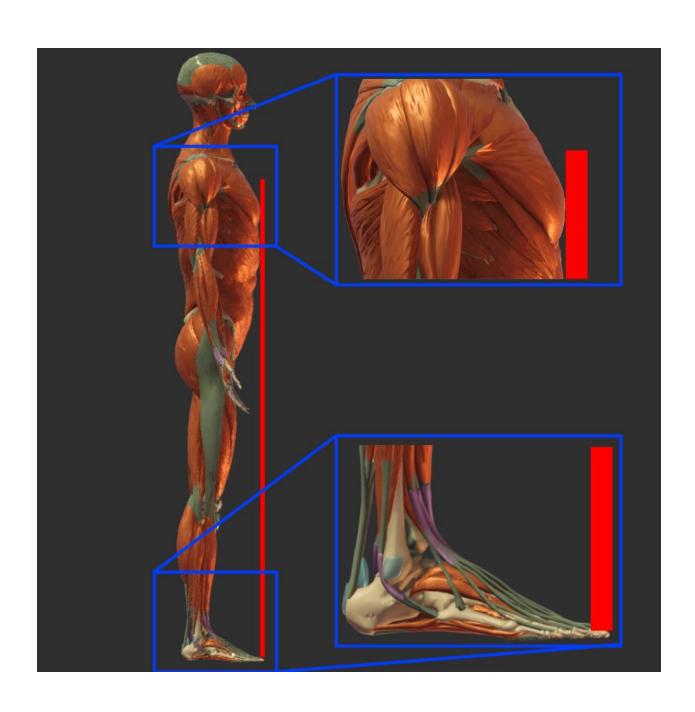


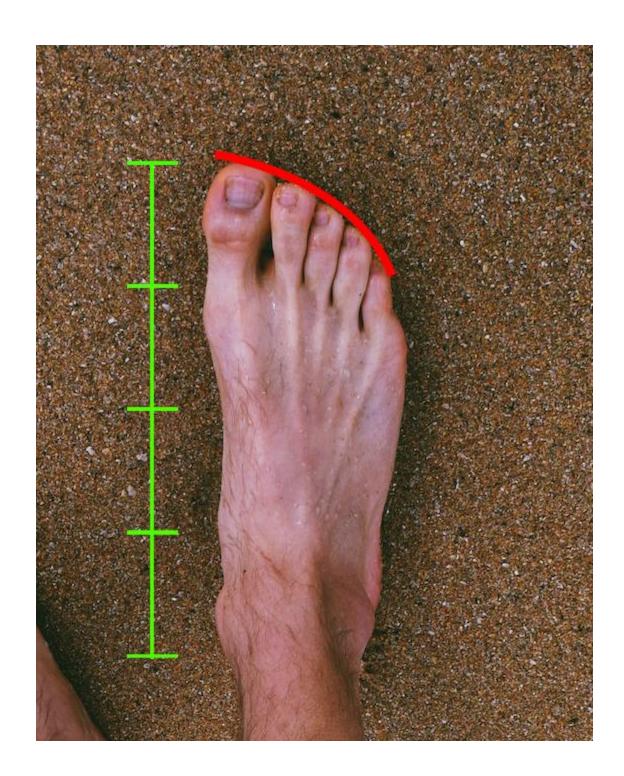


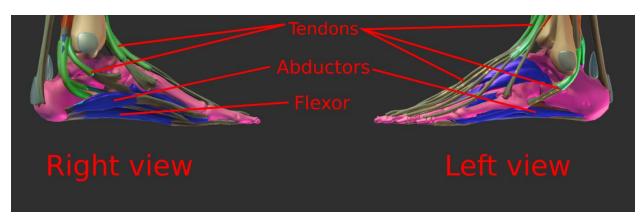


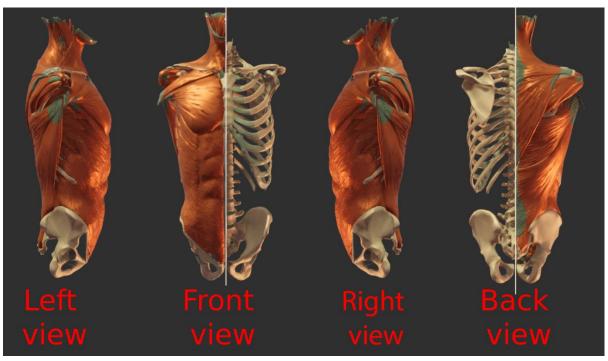


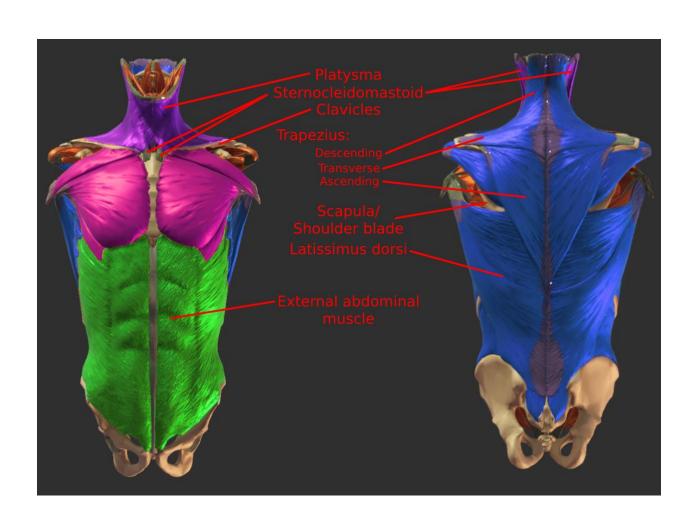


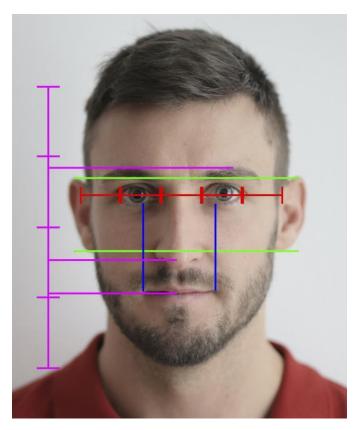




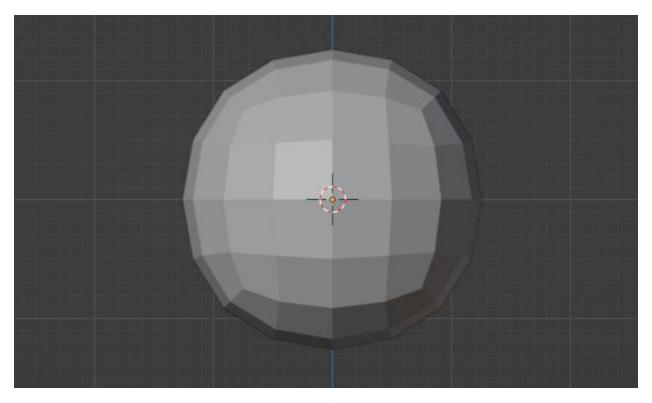


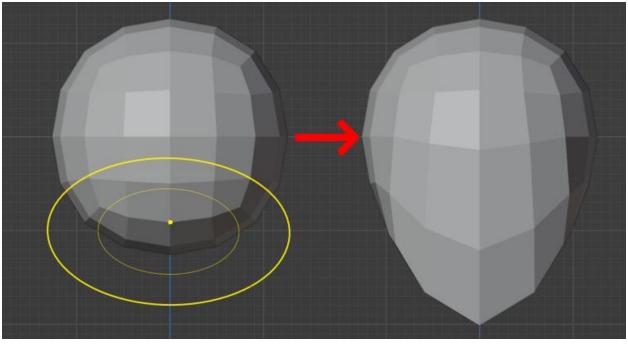


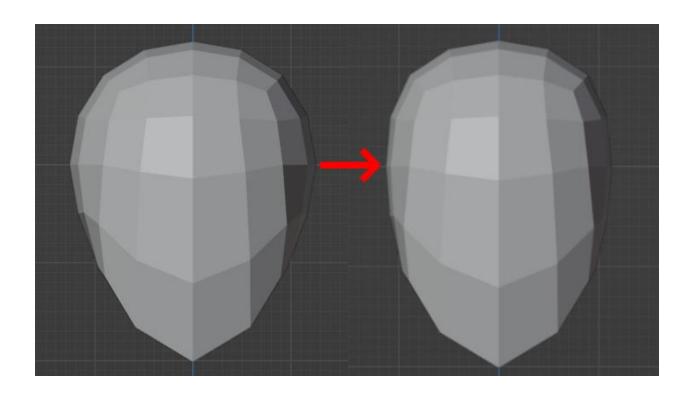


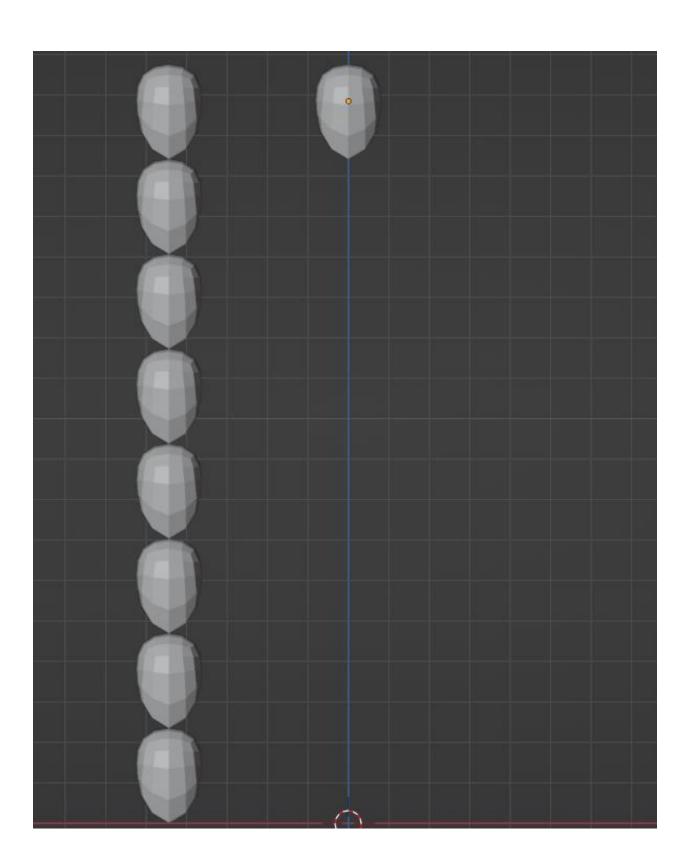


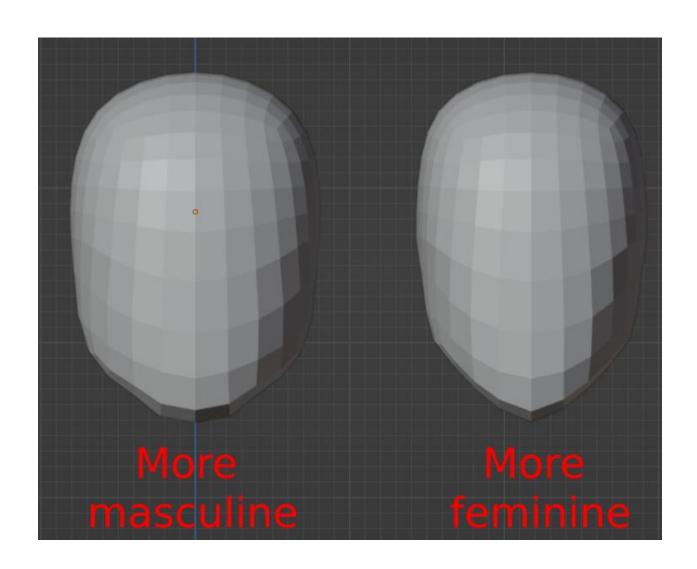


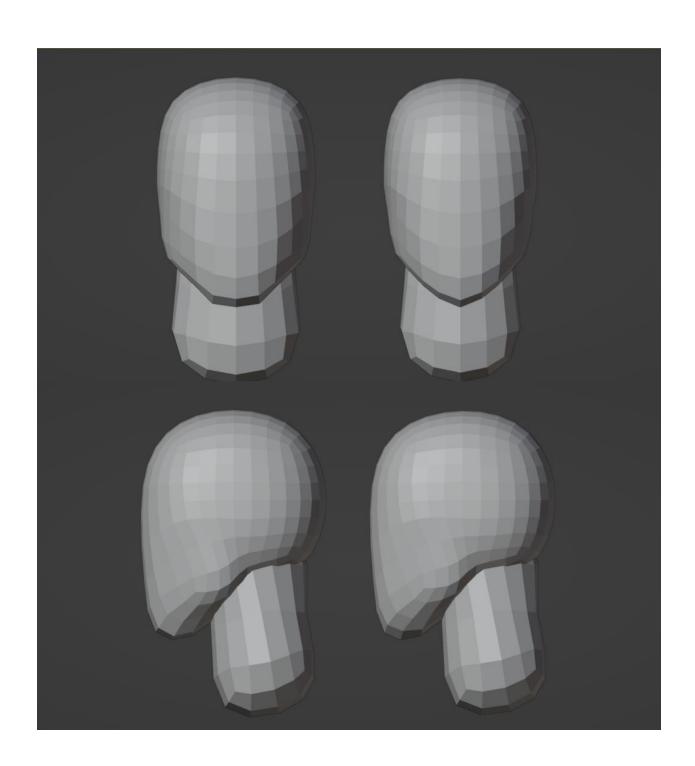


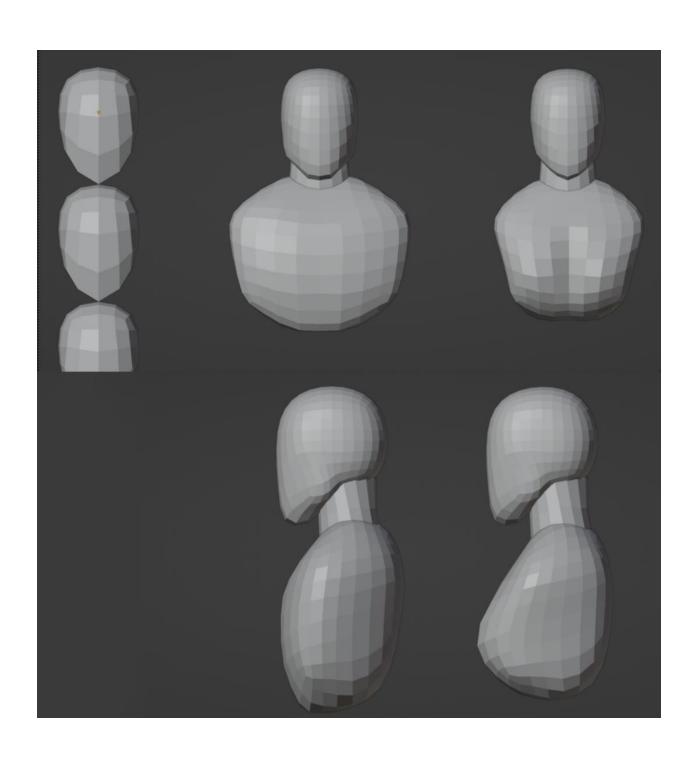


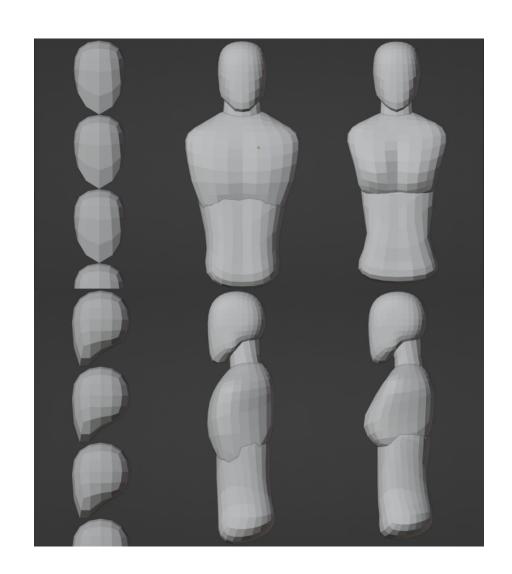


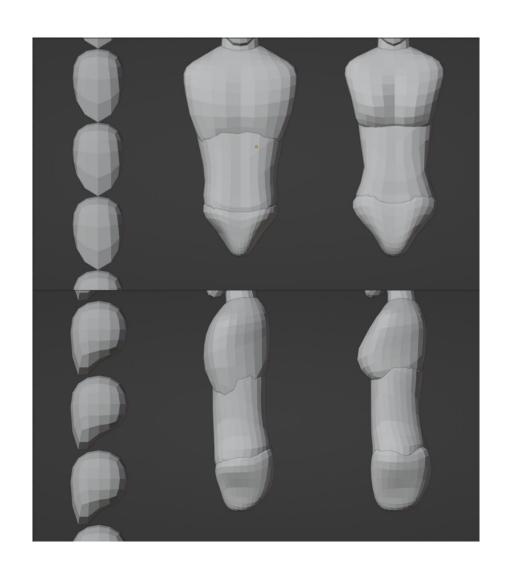


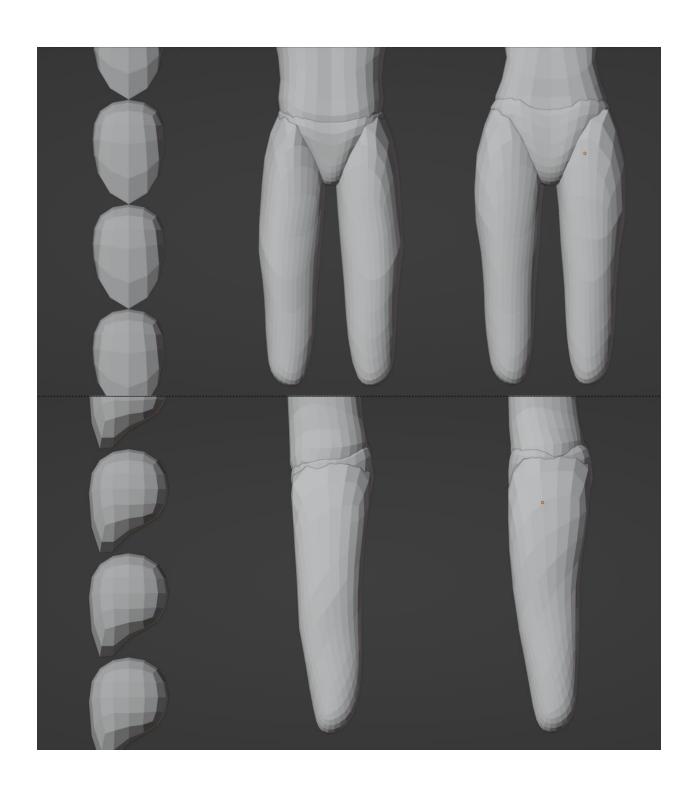


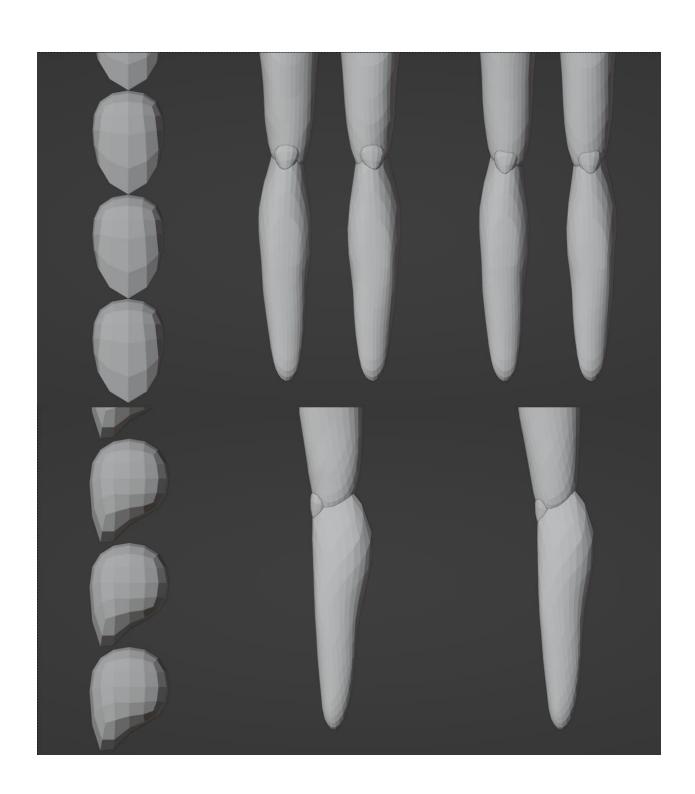


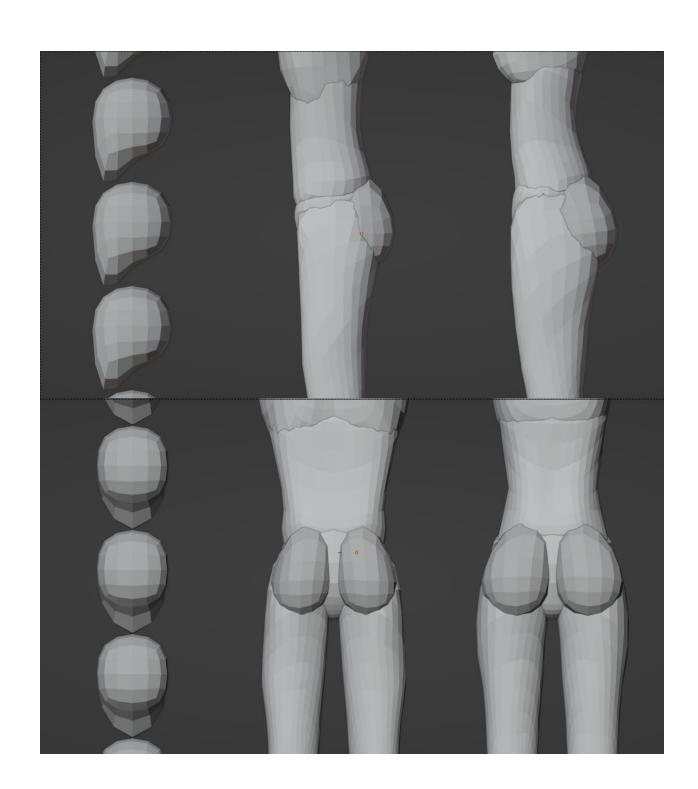


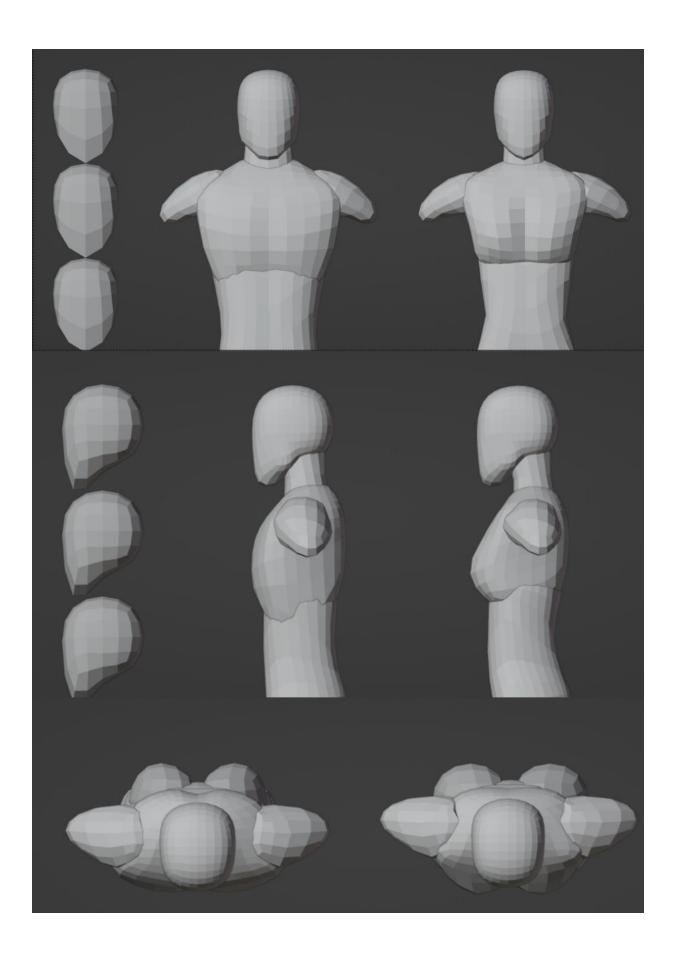


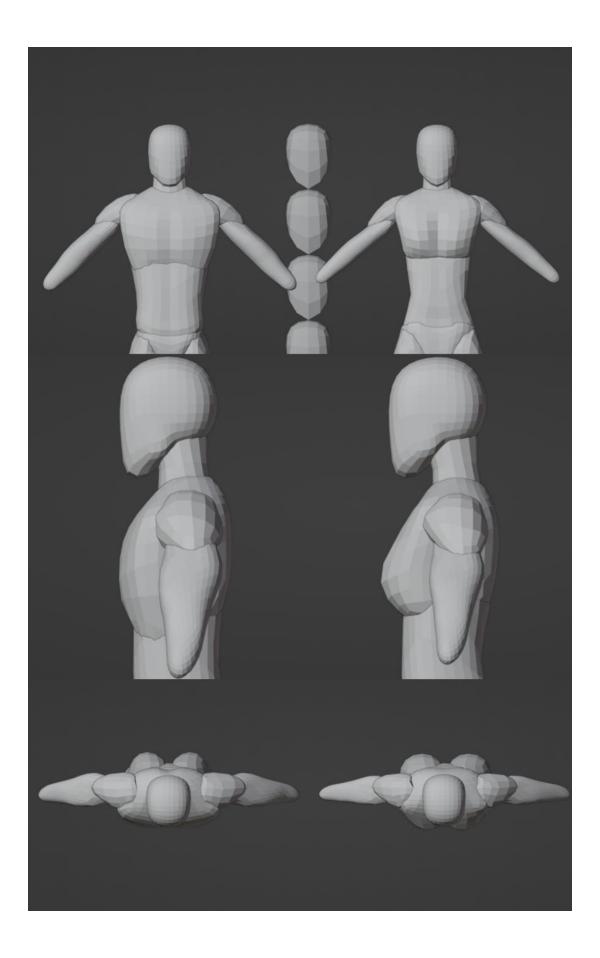


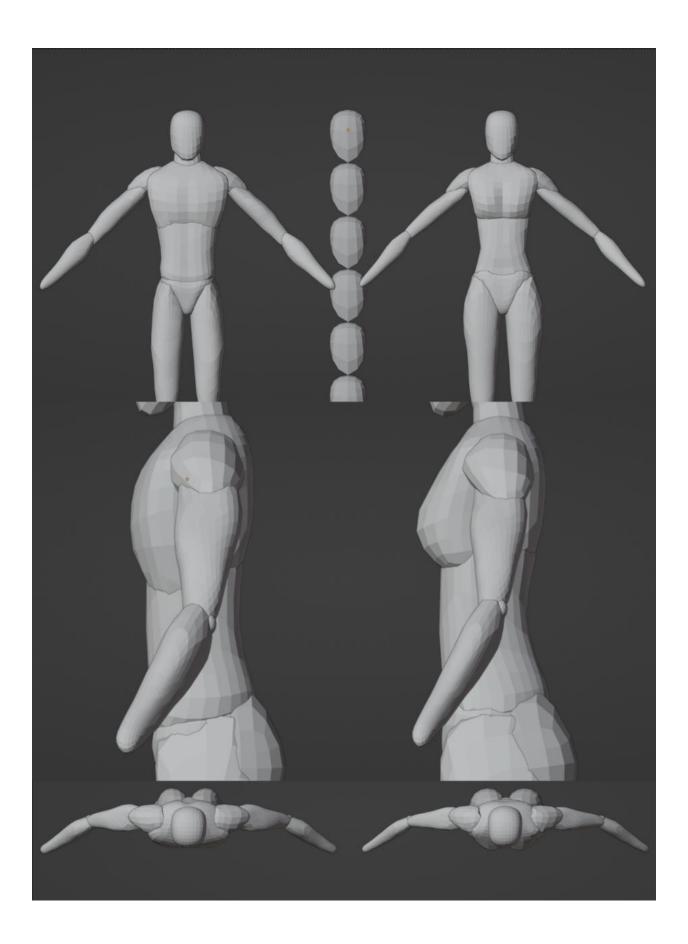


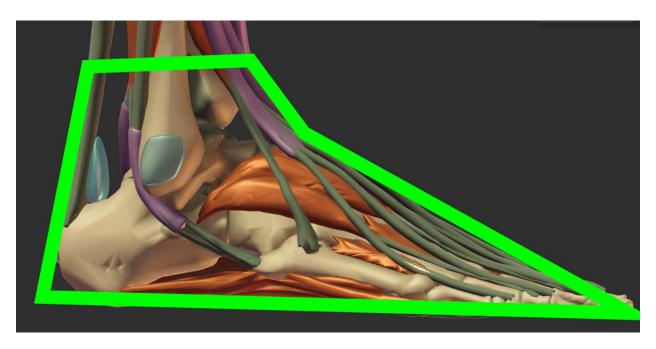


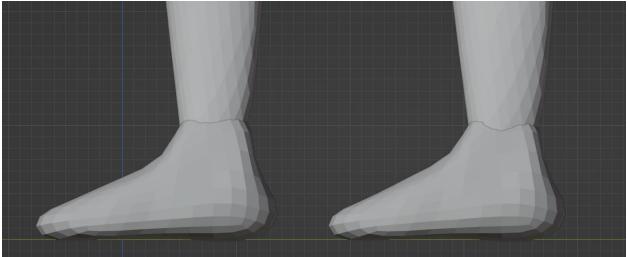


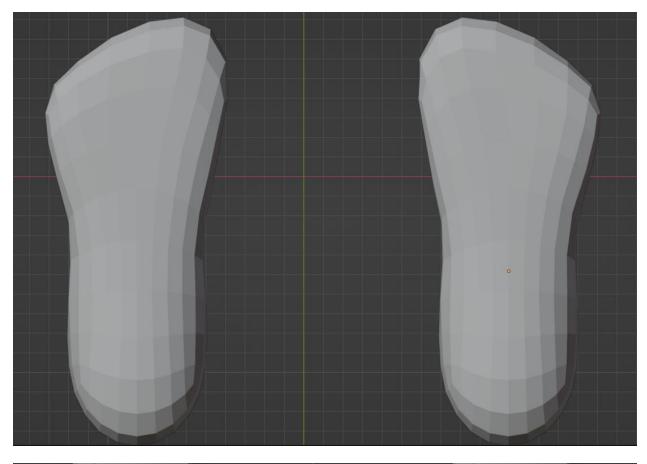


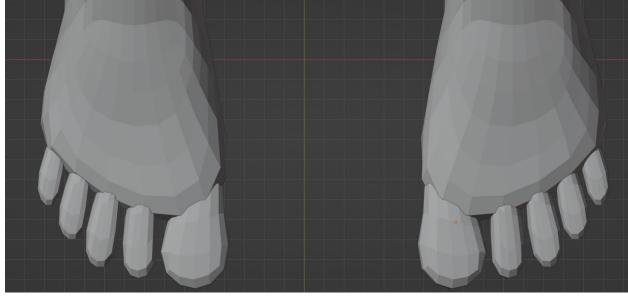




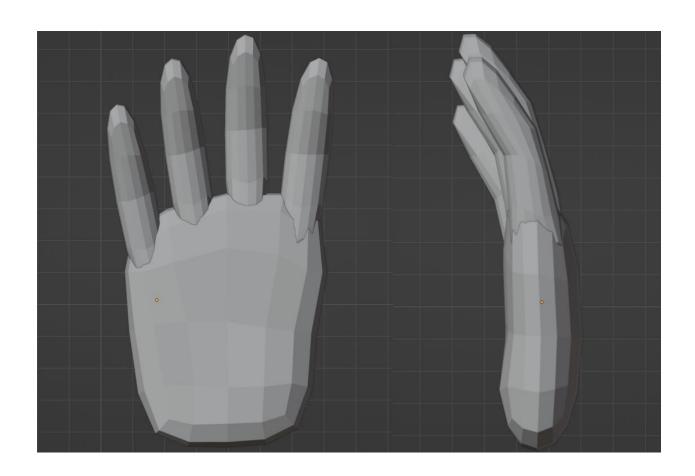


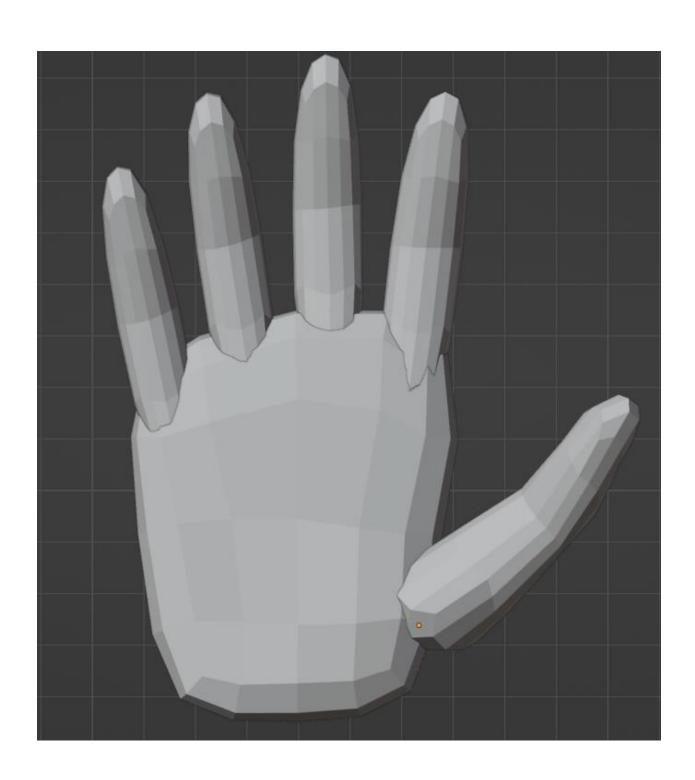


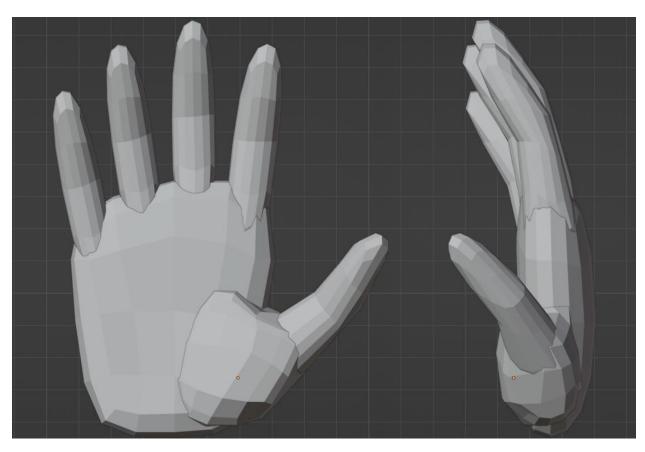


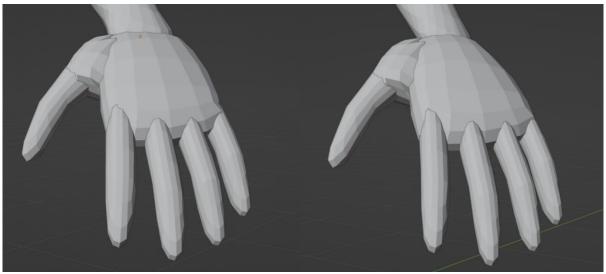


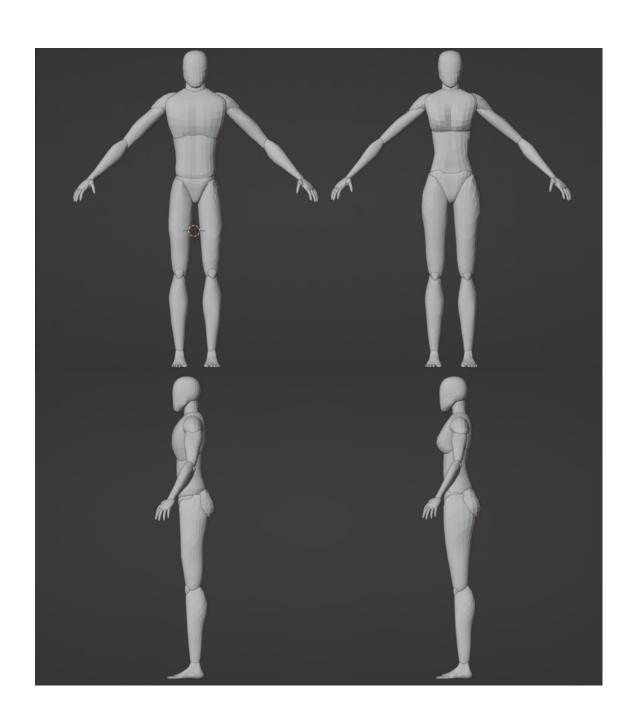




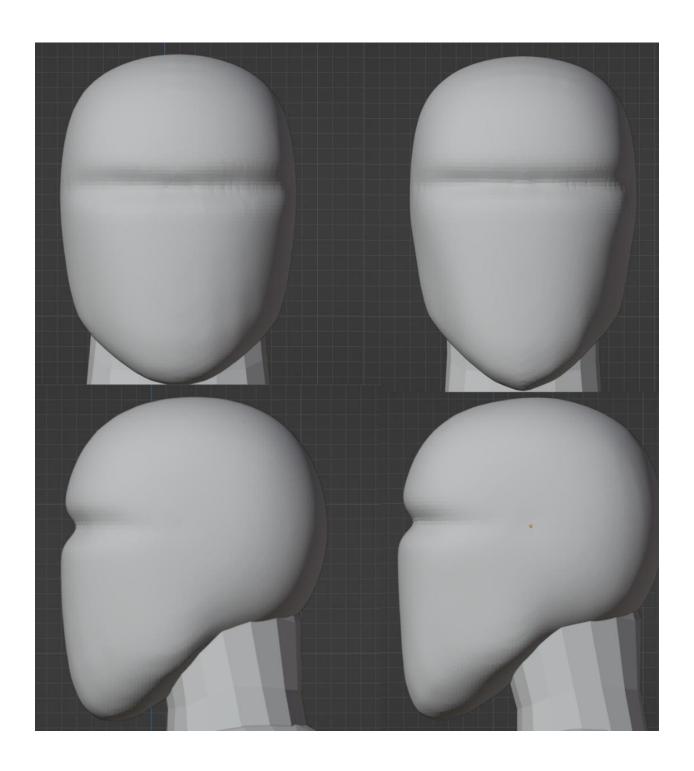


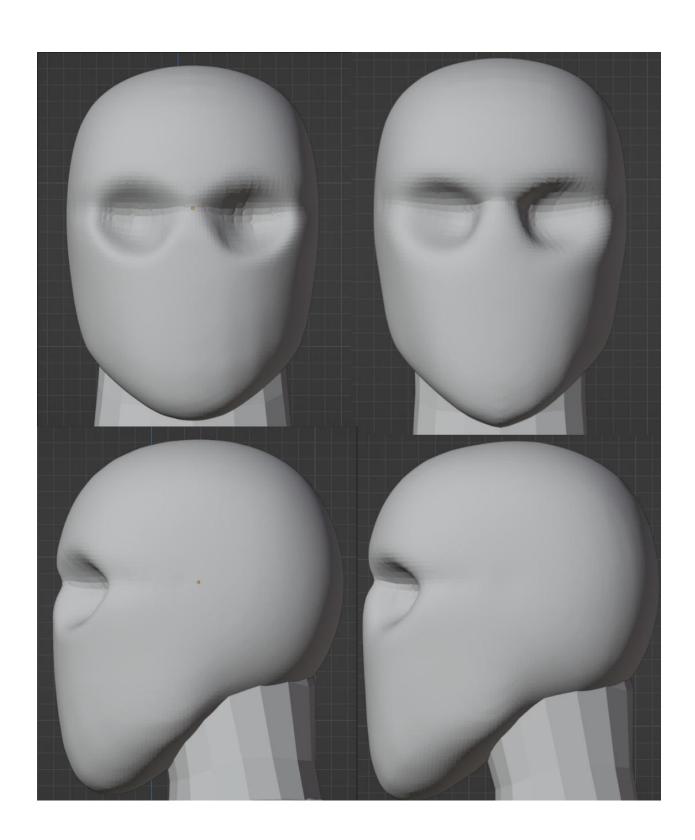


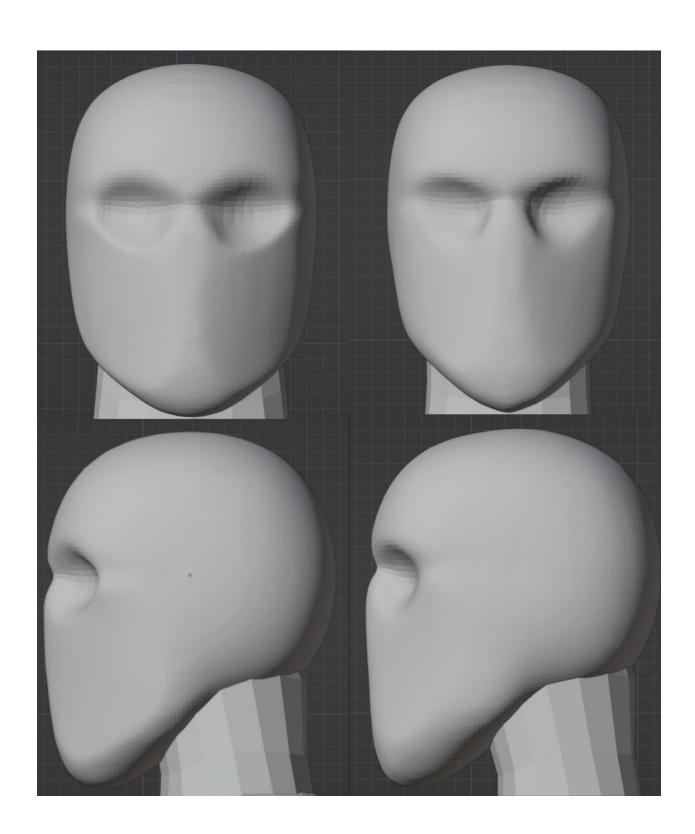


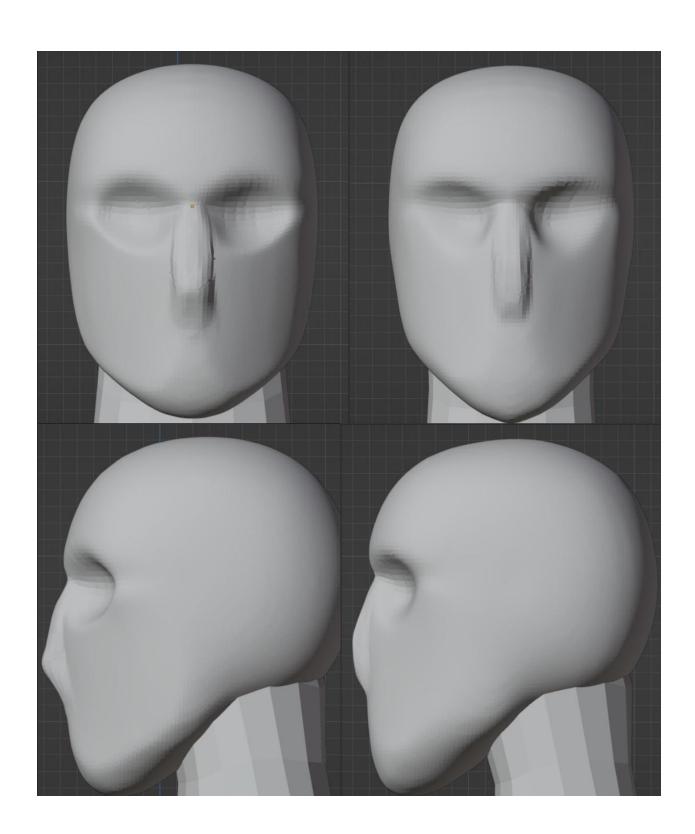


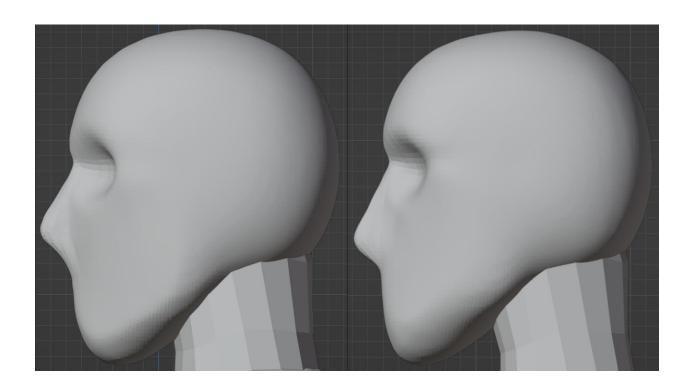
Chapter 8: Refining the Base Meshes

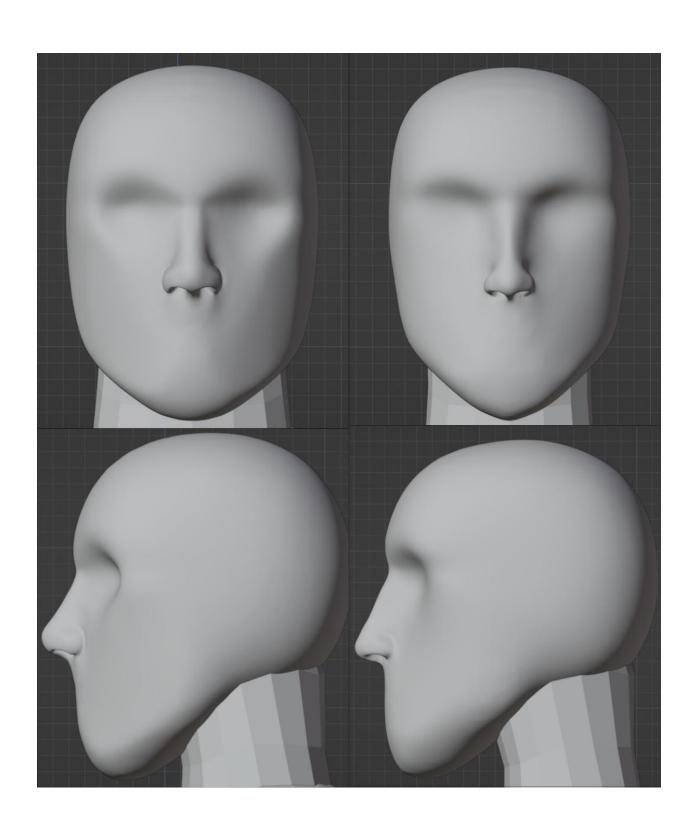


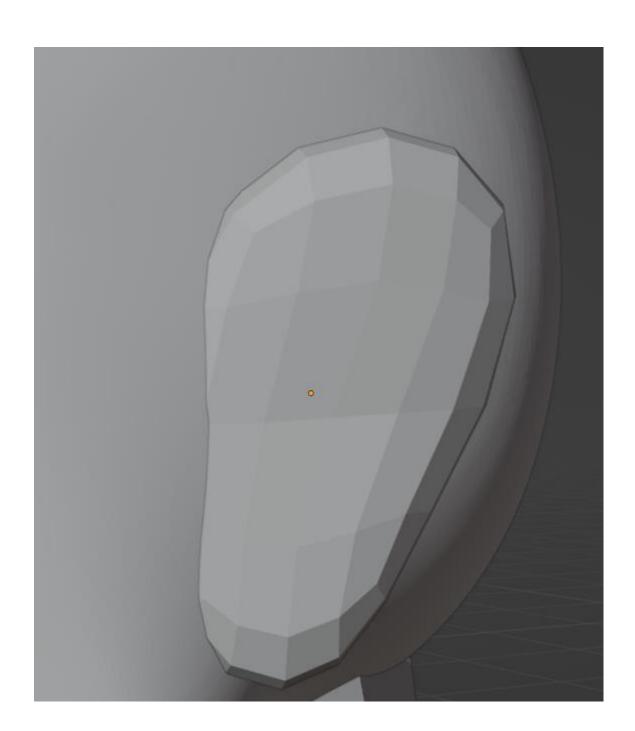




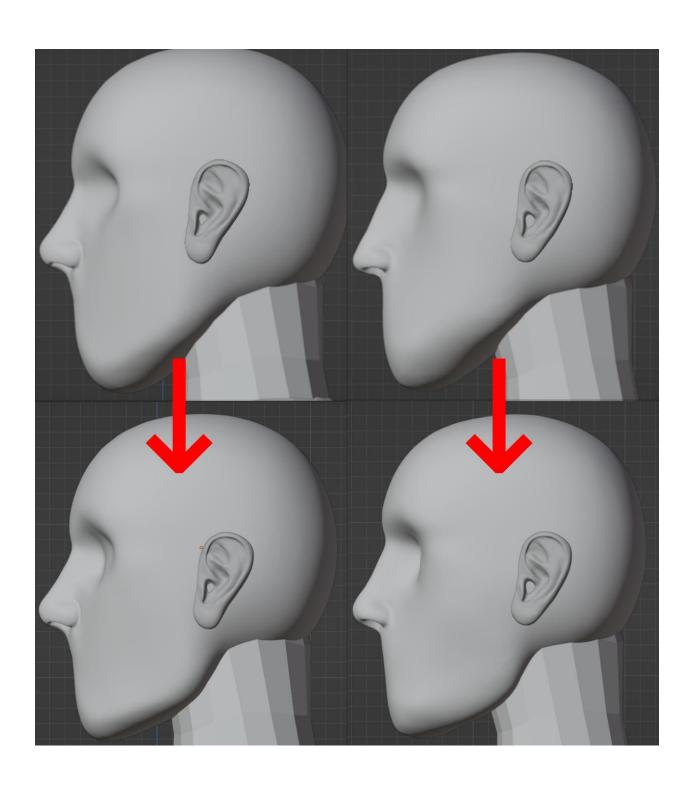


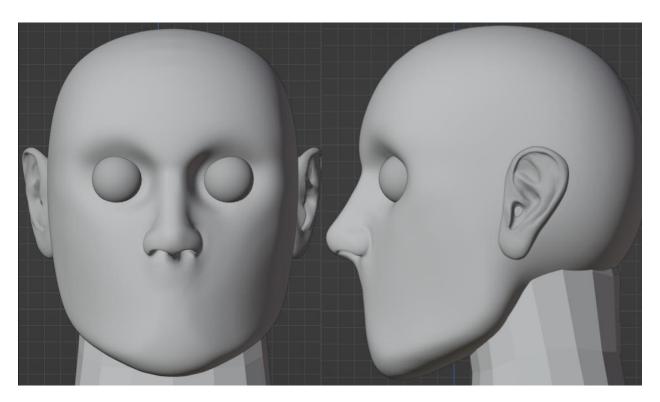






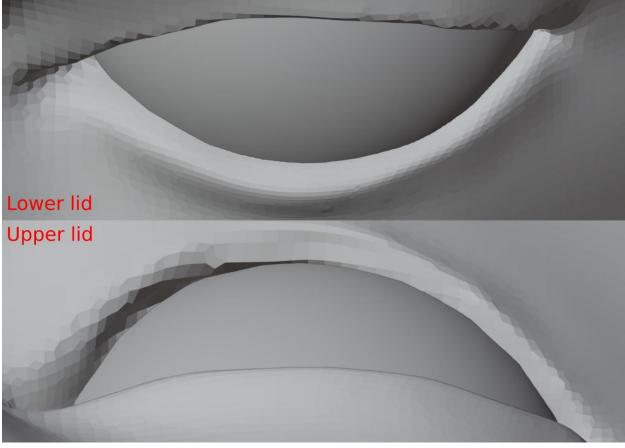




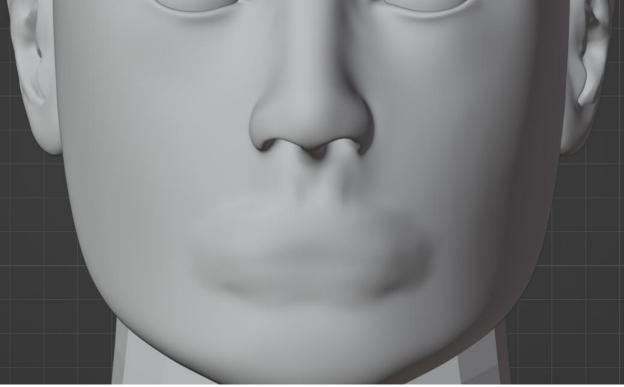




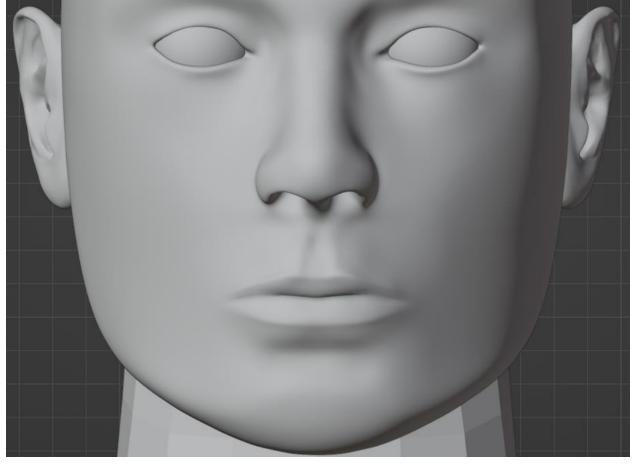


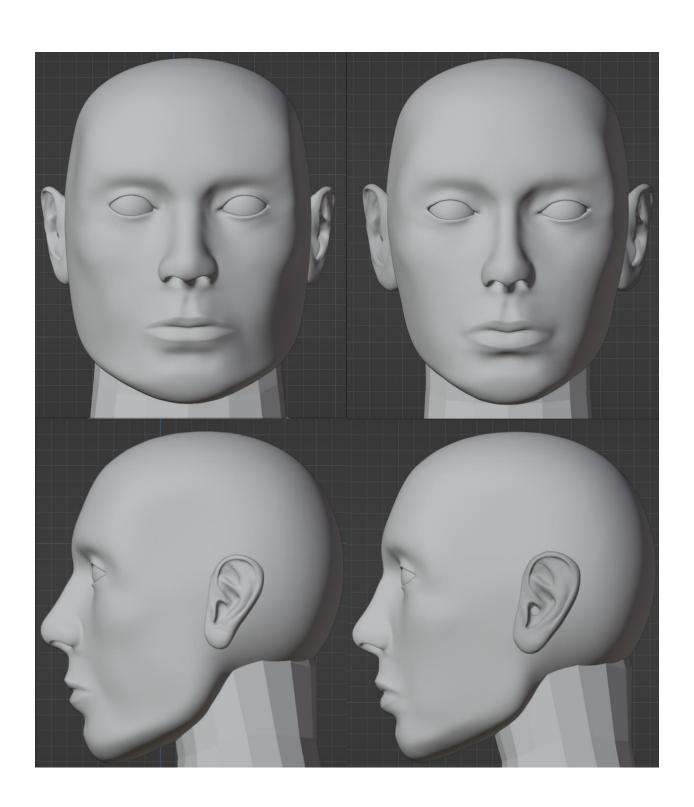


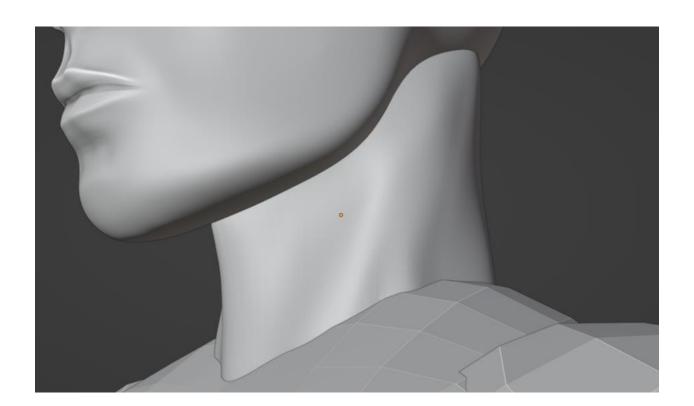


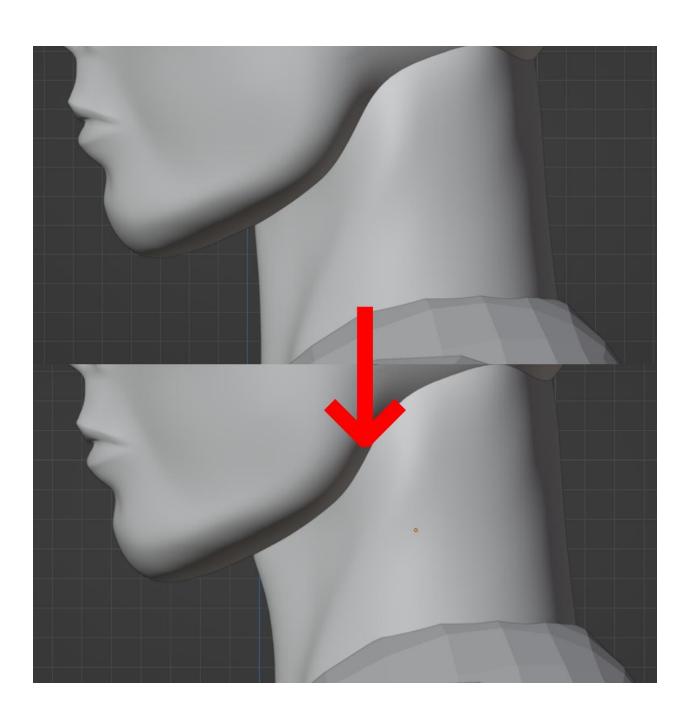


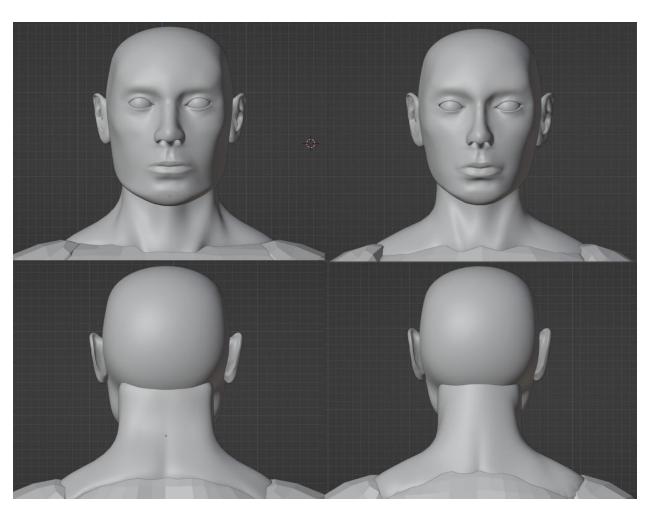


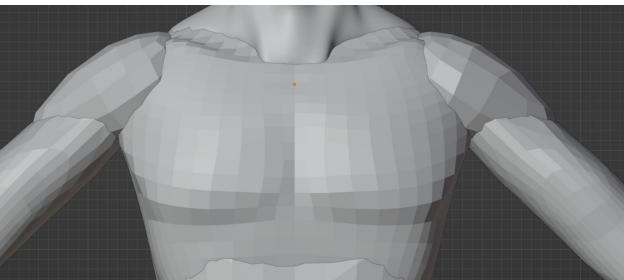


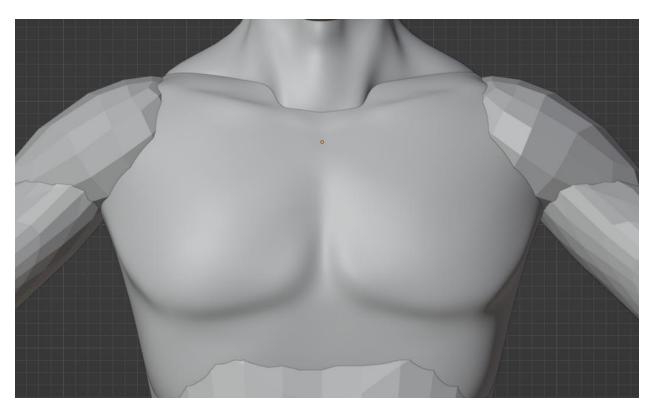




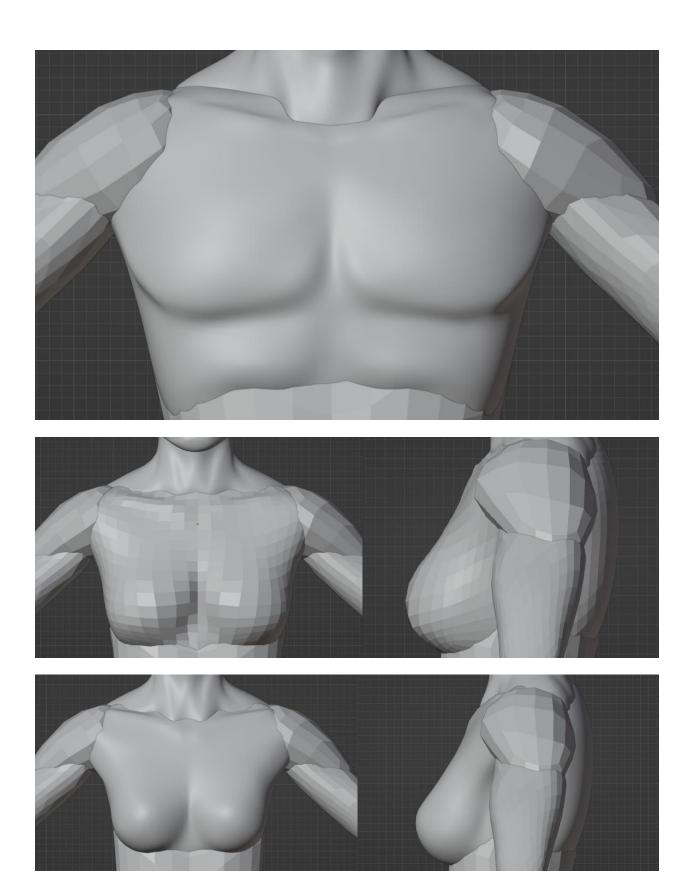


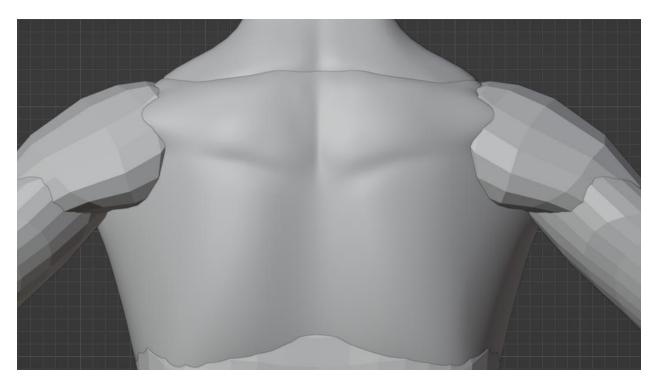




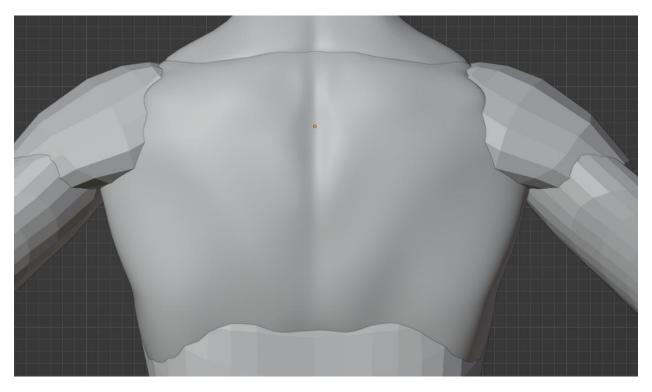


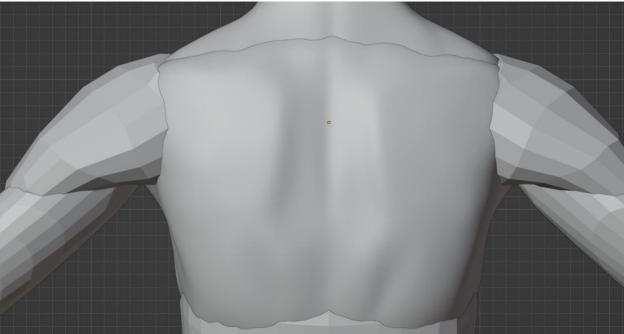


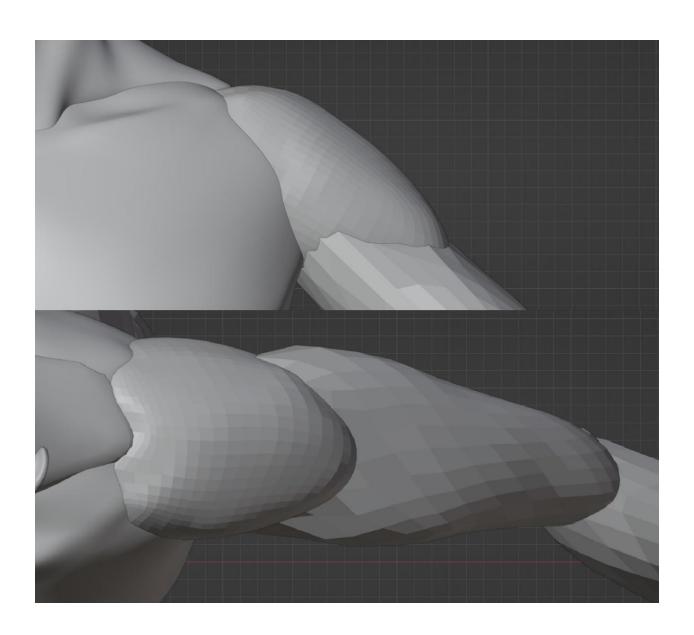


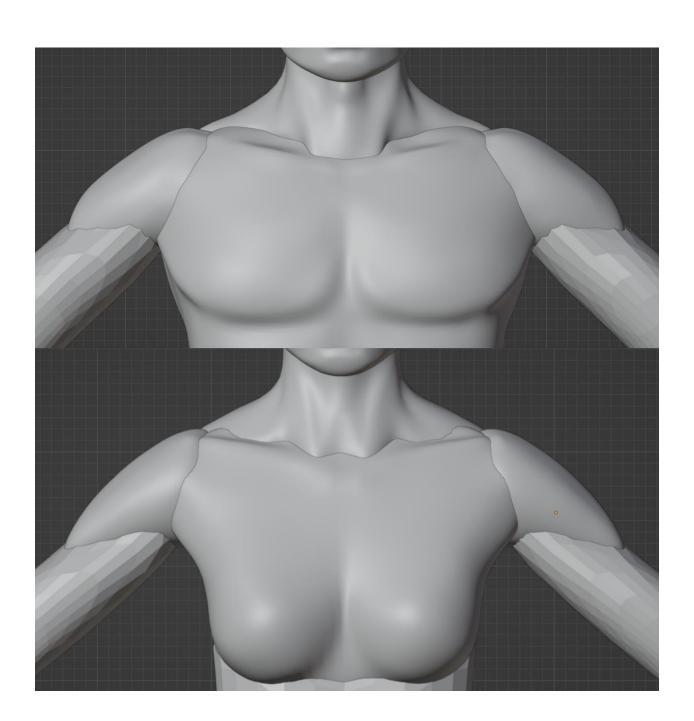


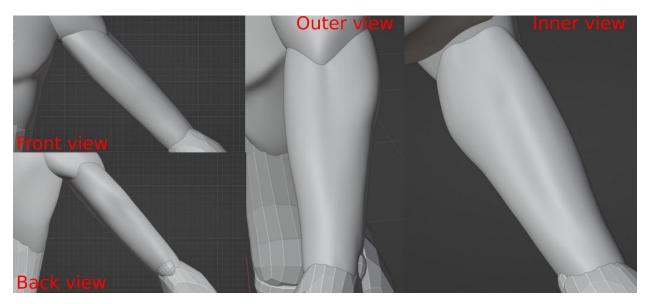


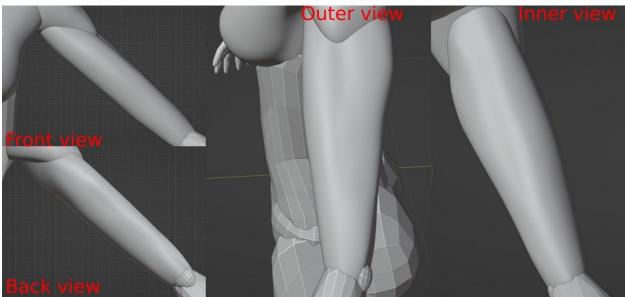


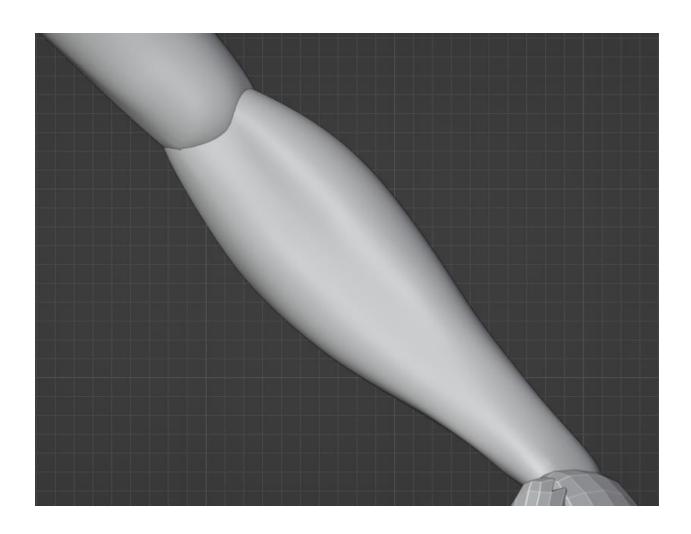


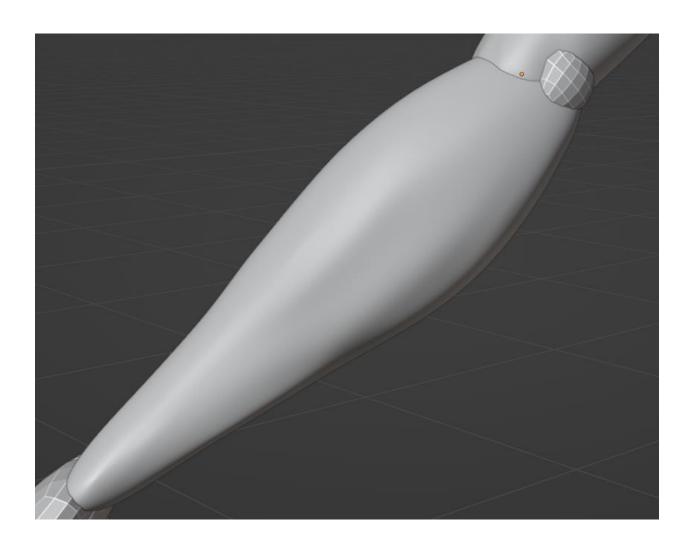


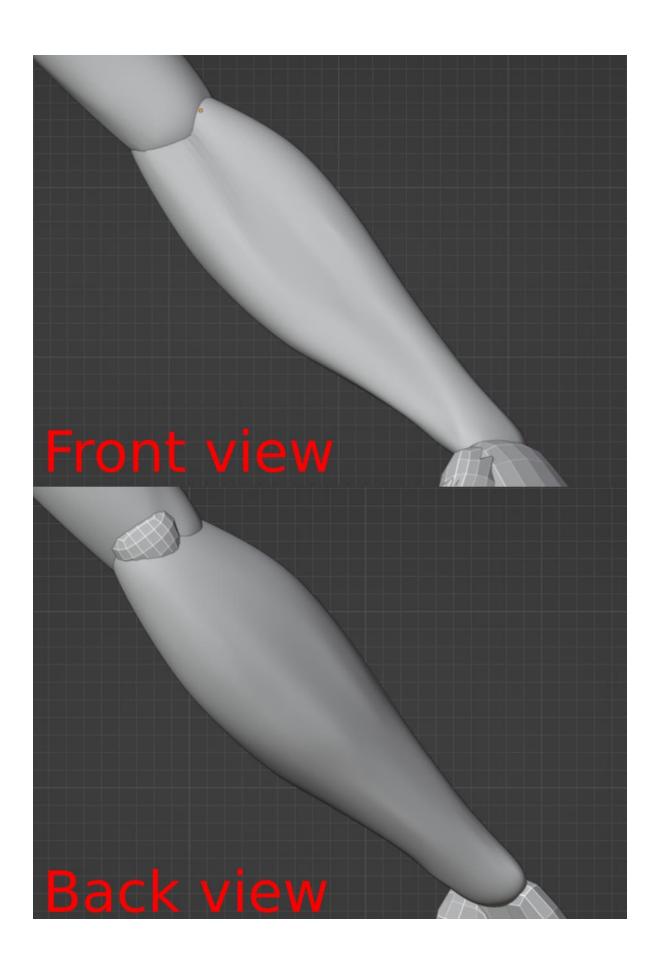


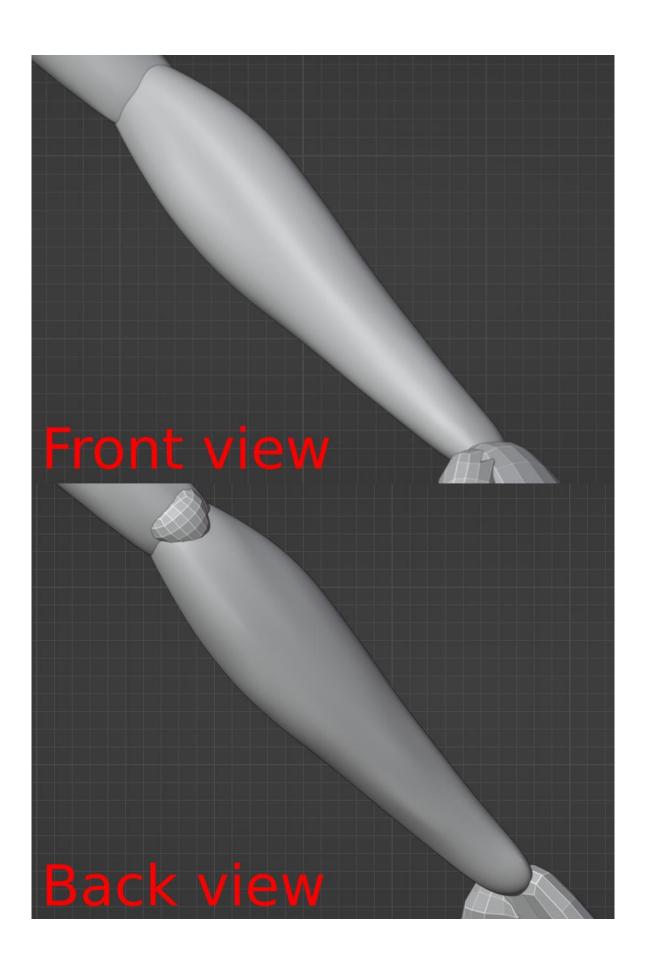


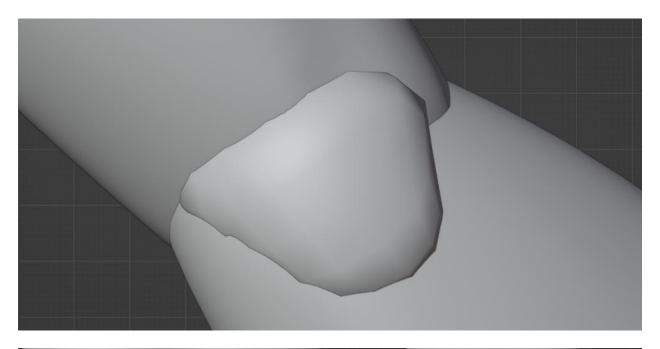


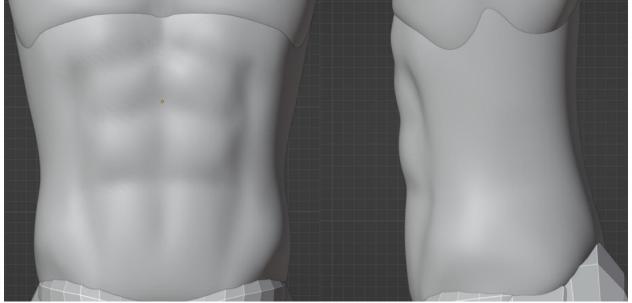


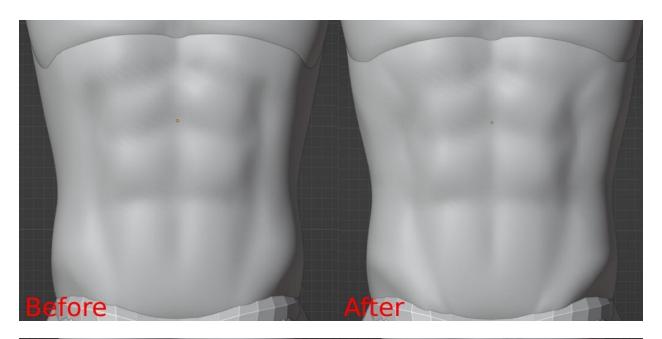


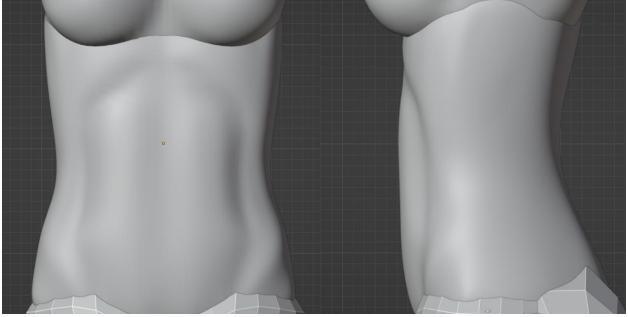


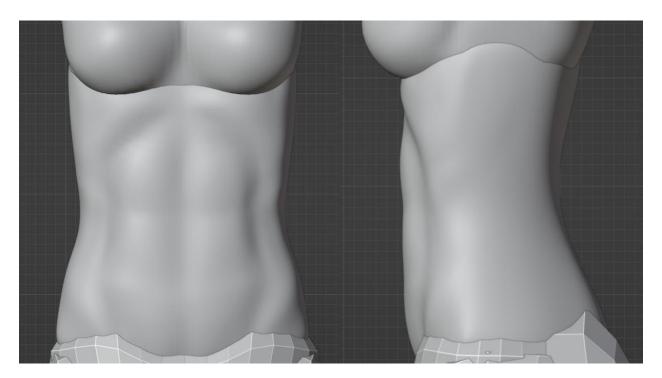


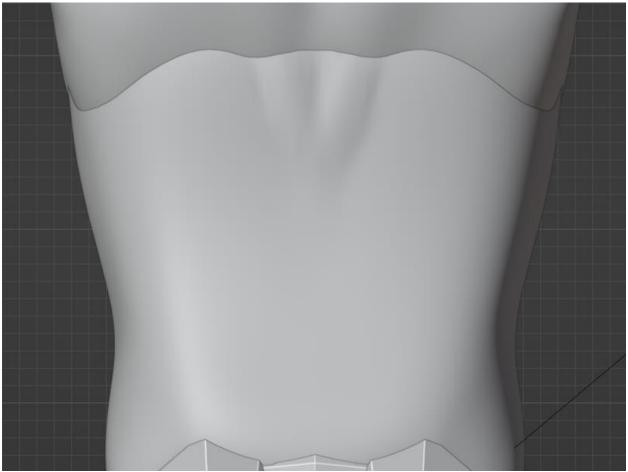


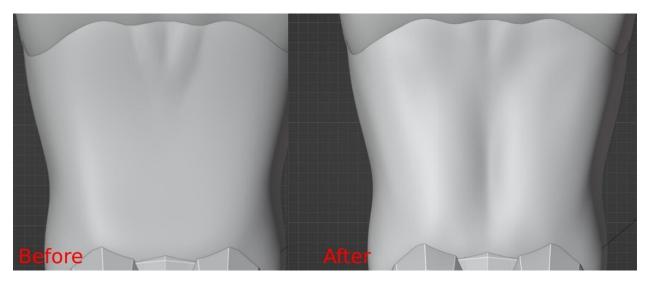


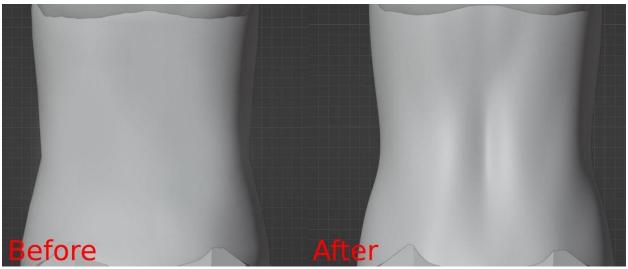


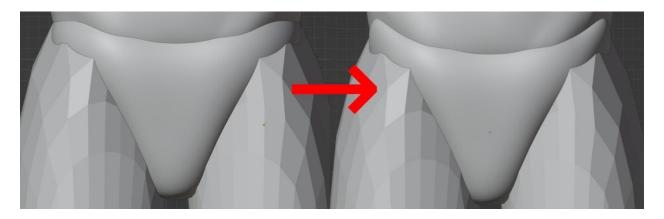


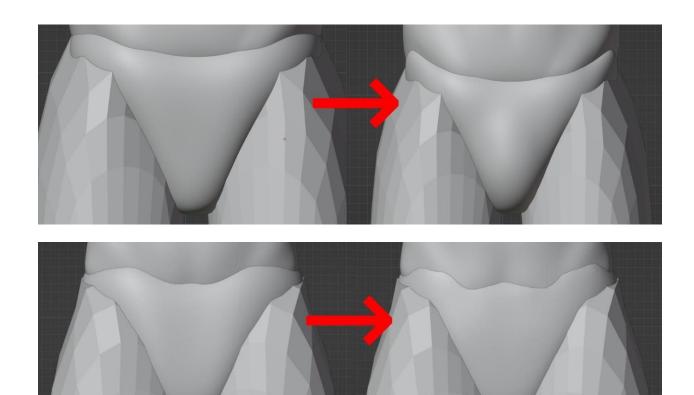


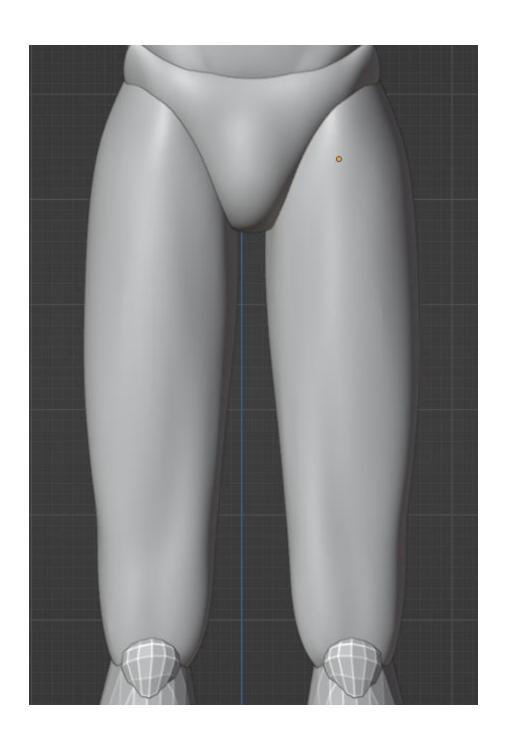


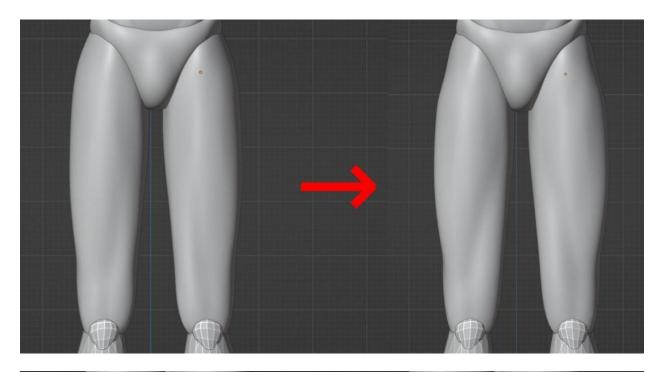


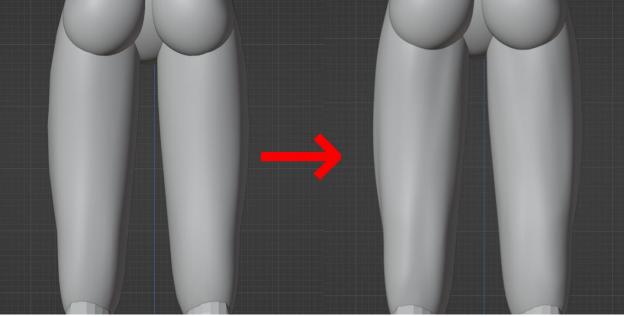


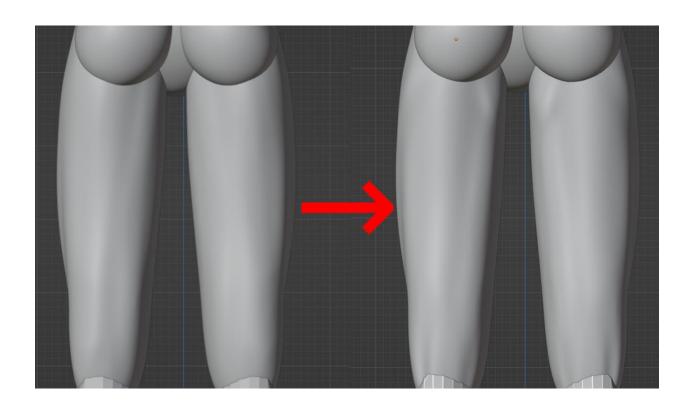


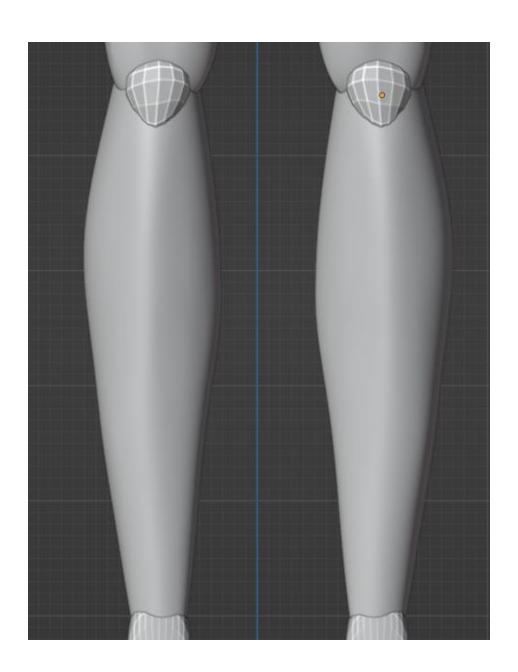


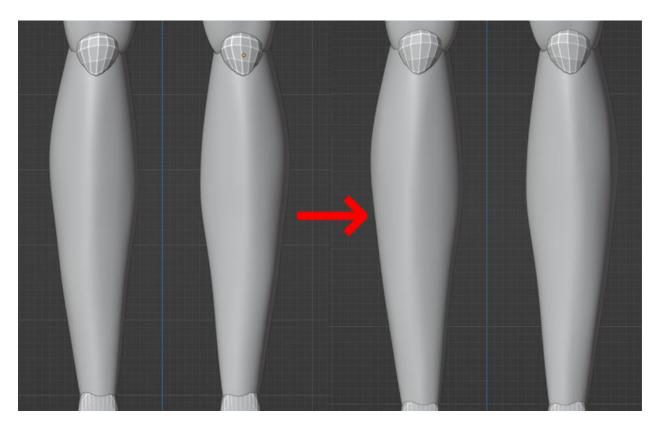


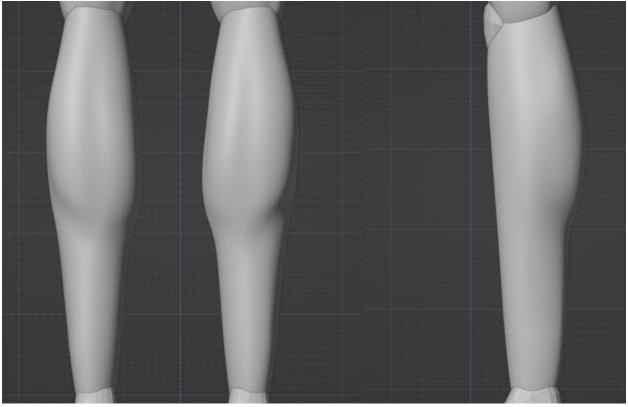


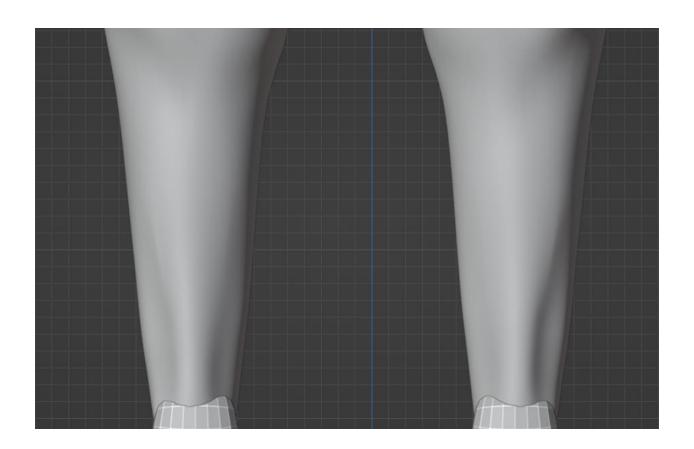


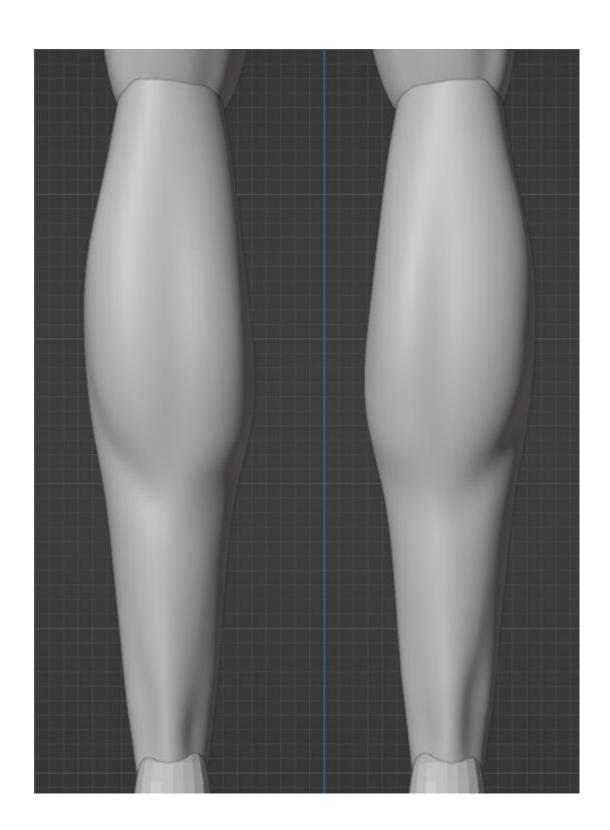


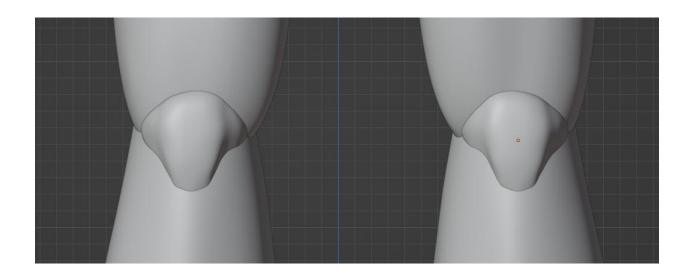




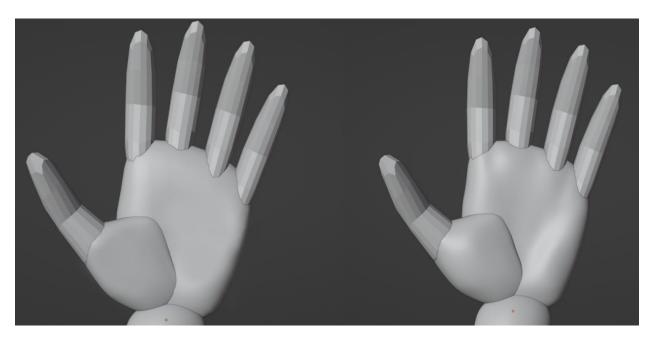


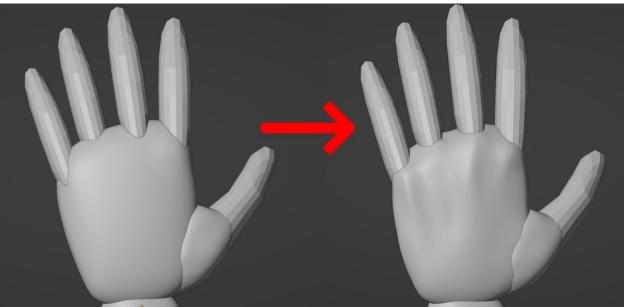


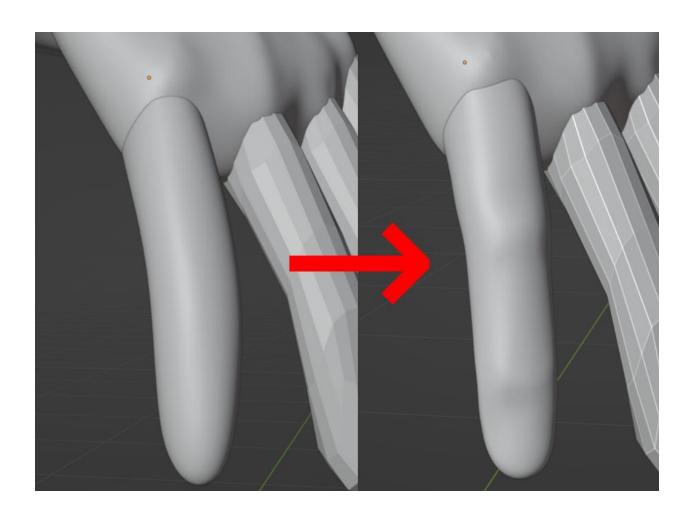




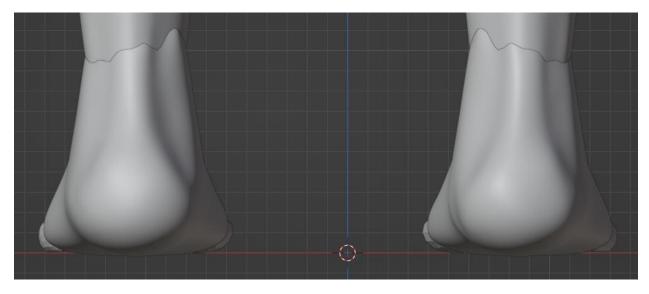


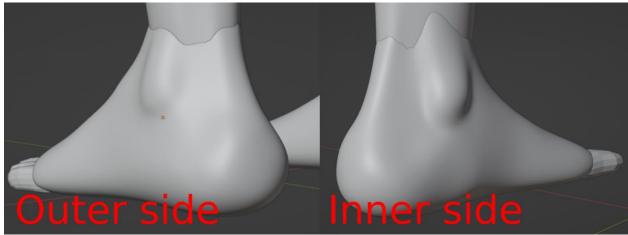


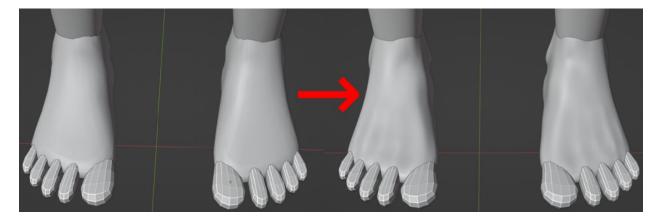


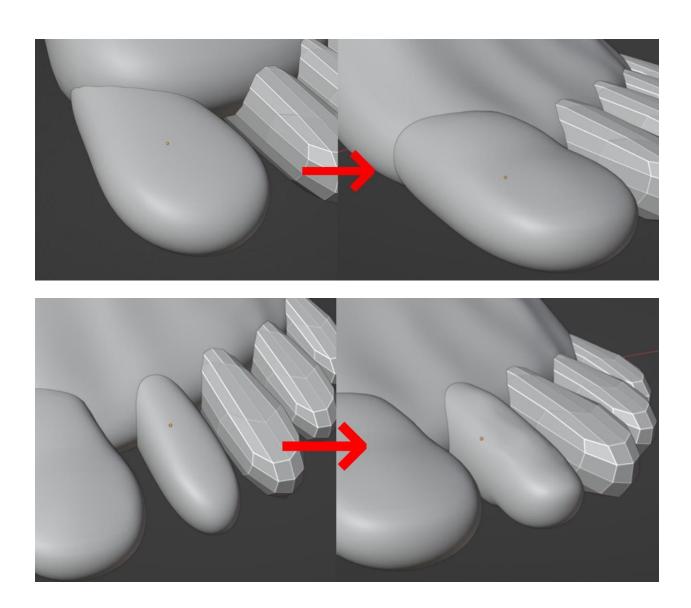


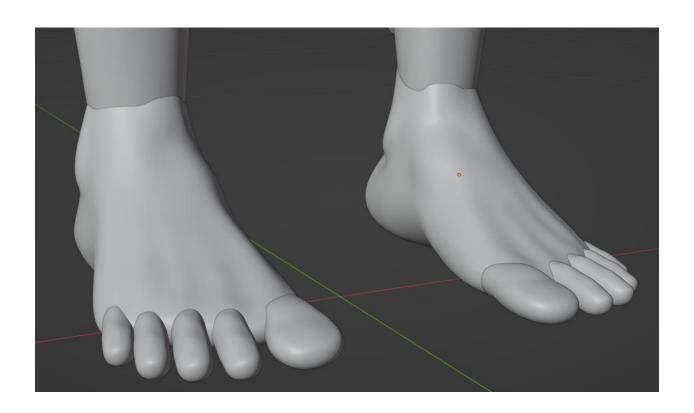


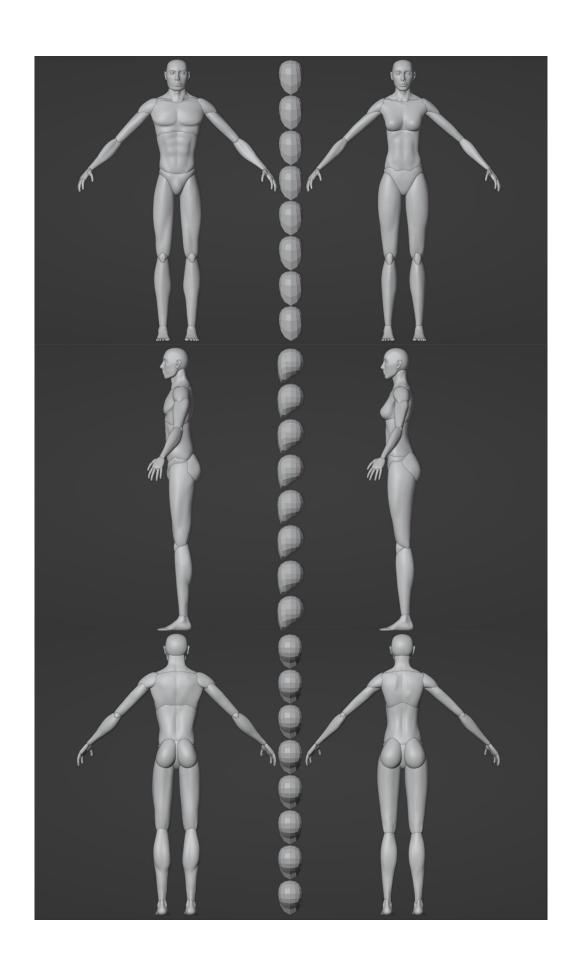




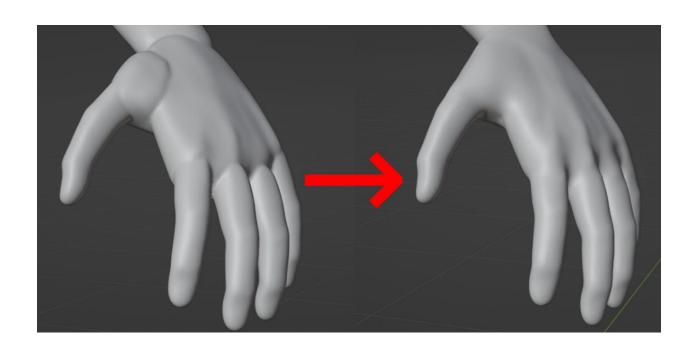


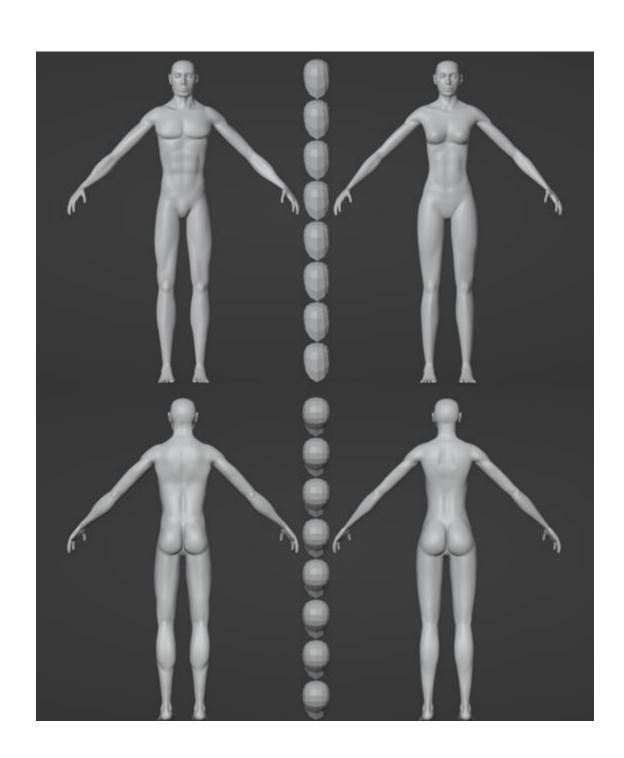




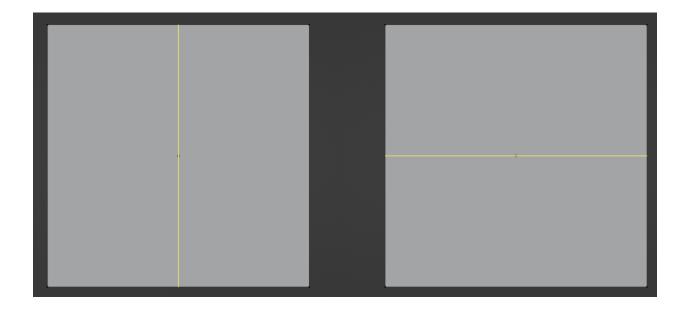


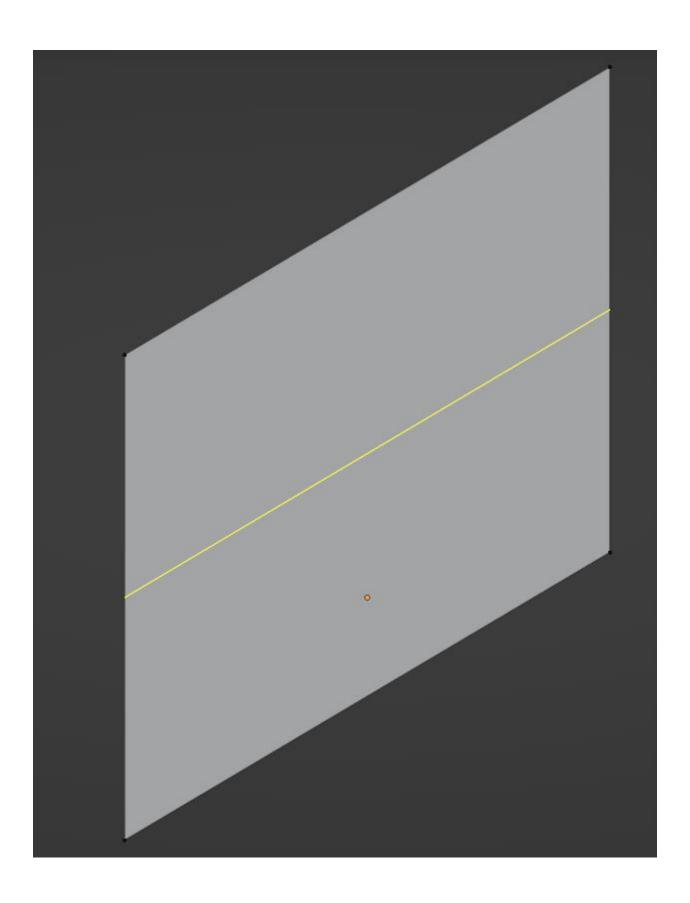


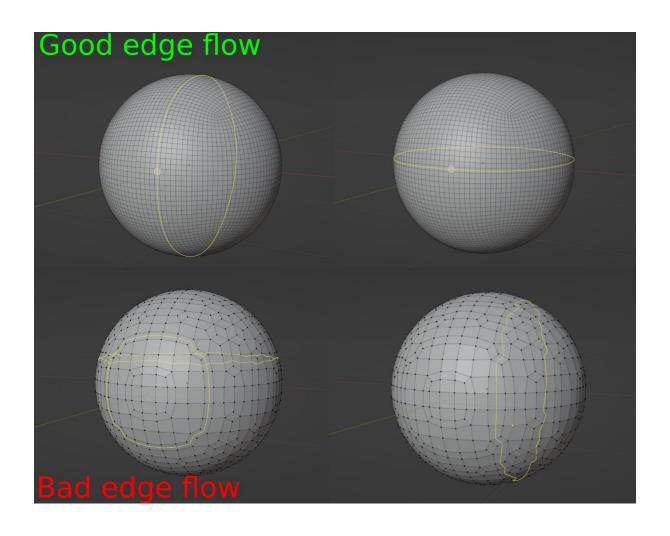




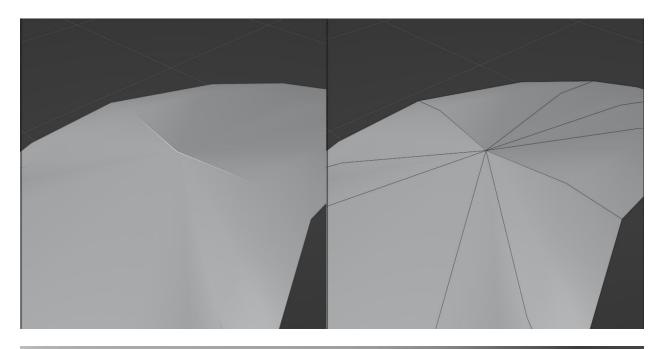
Chapter 9: Optimizing the Base Meshes



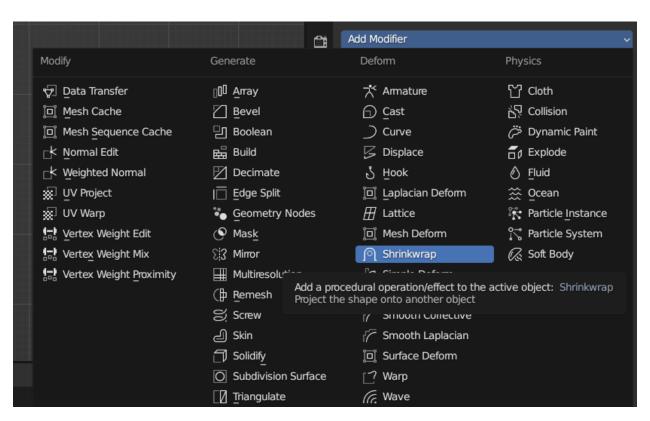


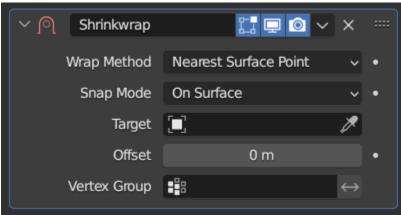


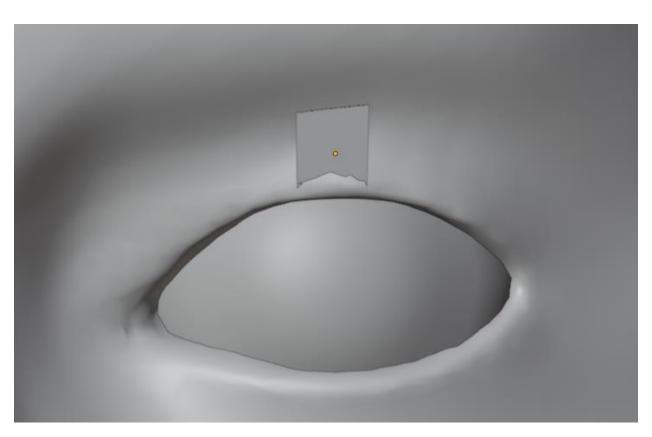
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Pole	Pole	

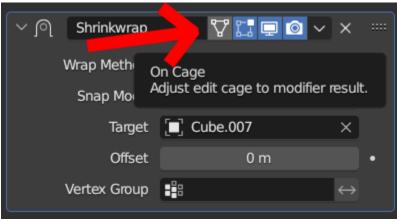


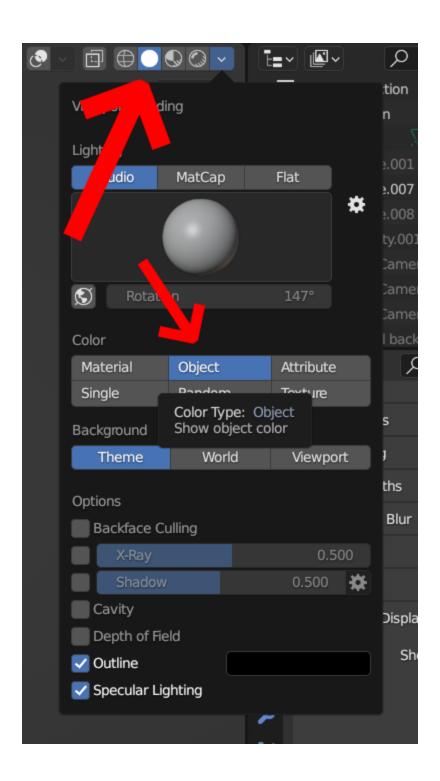


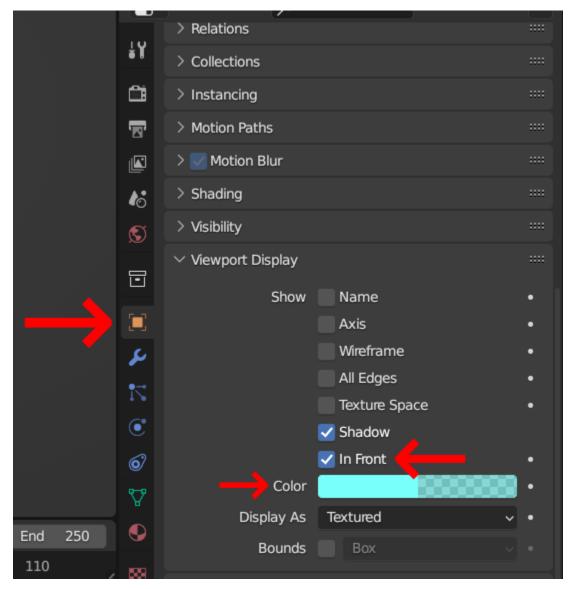


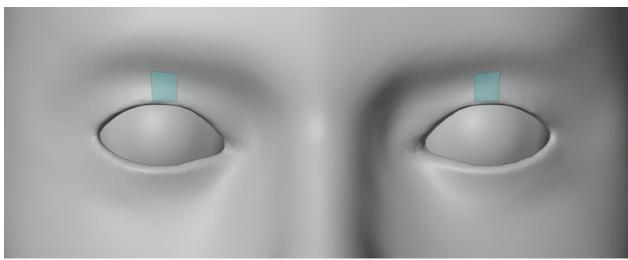


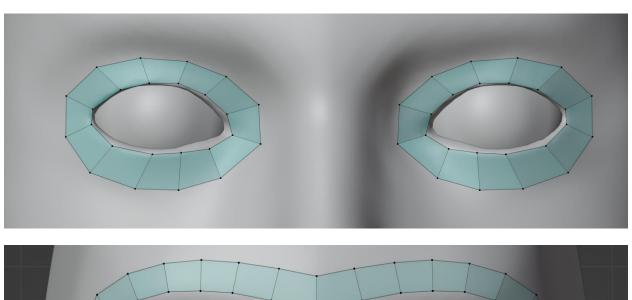




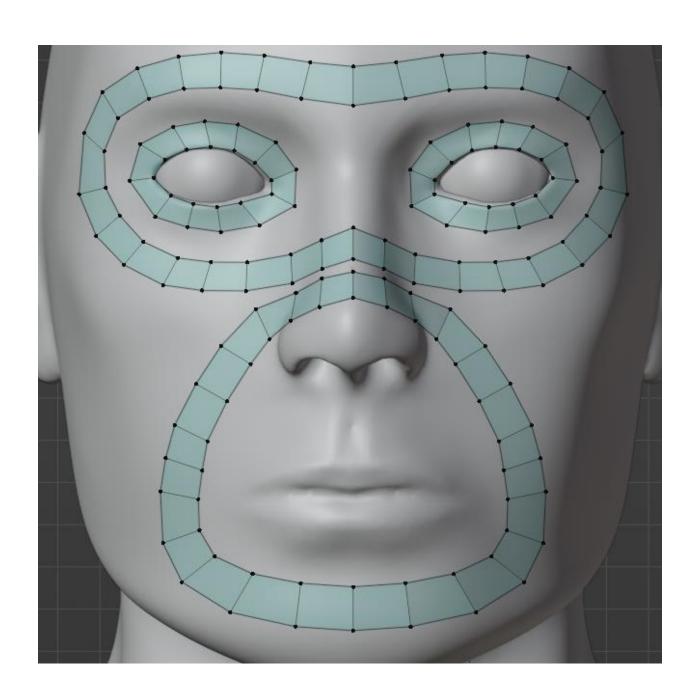


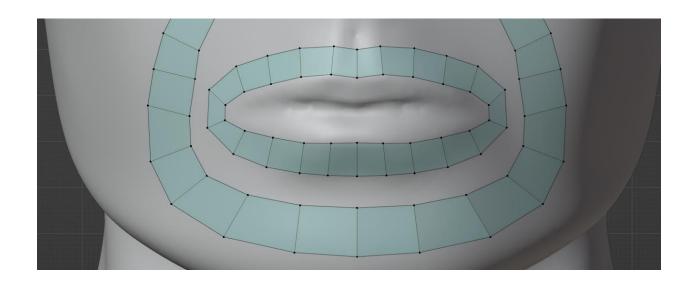


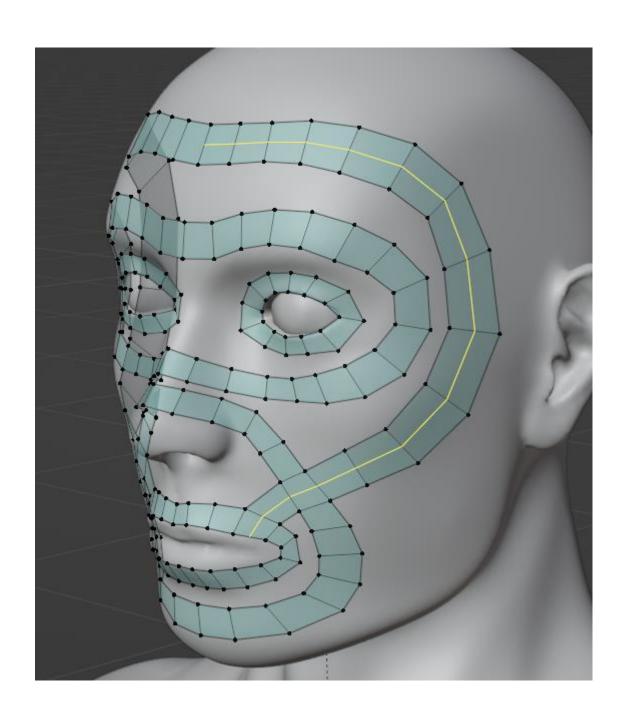


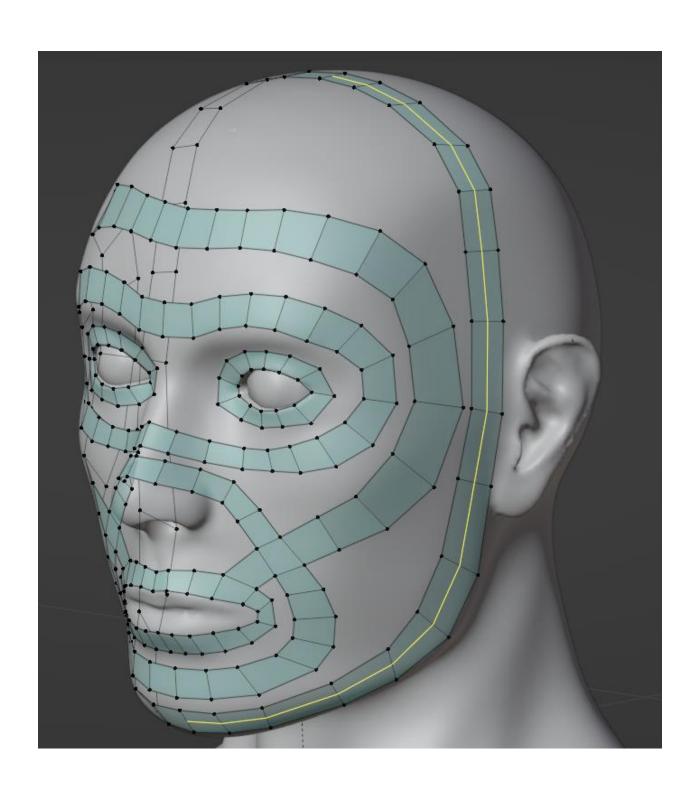


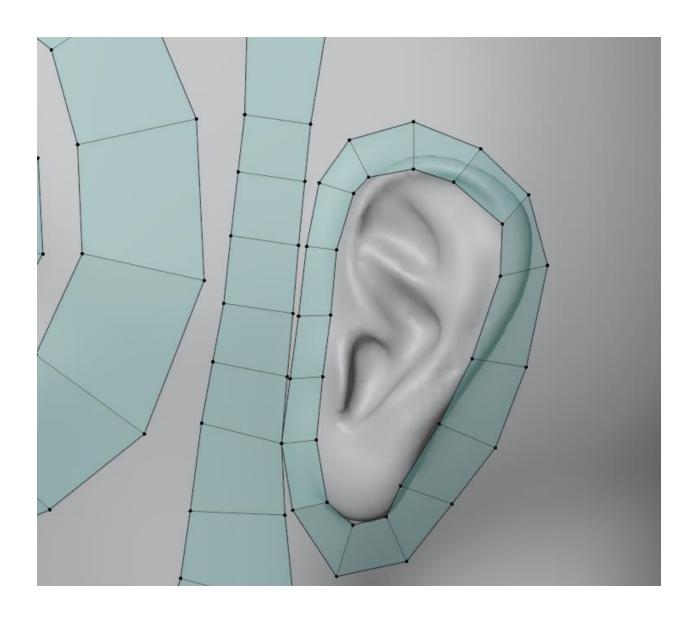


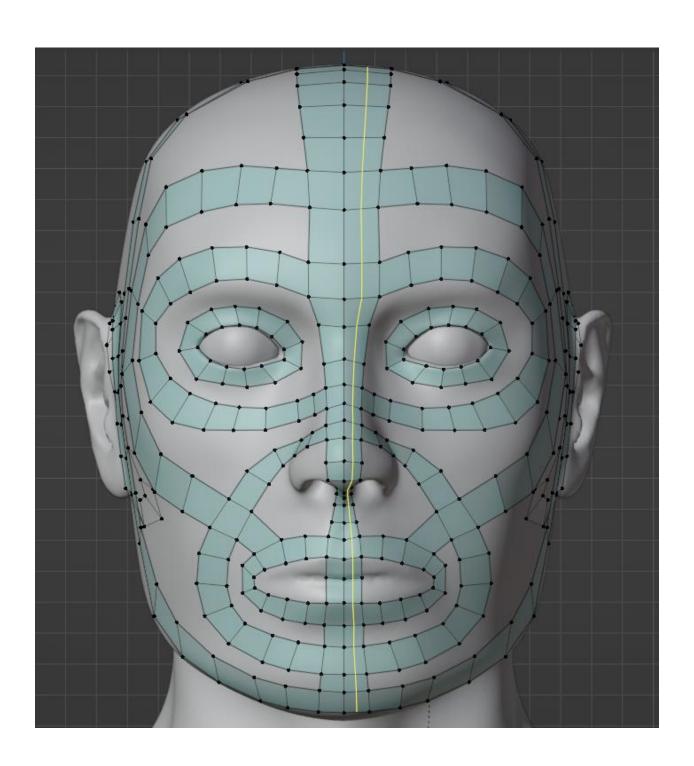


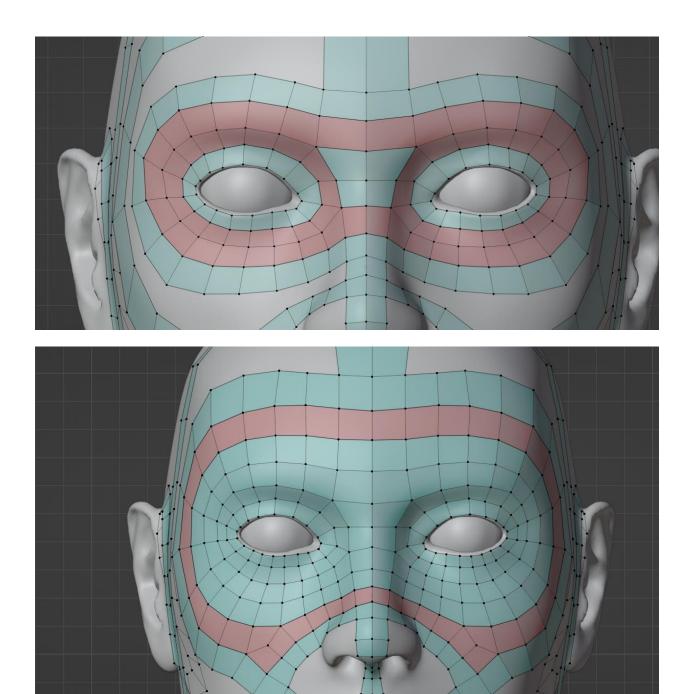


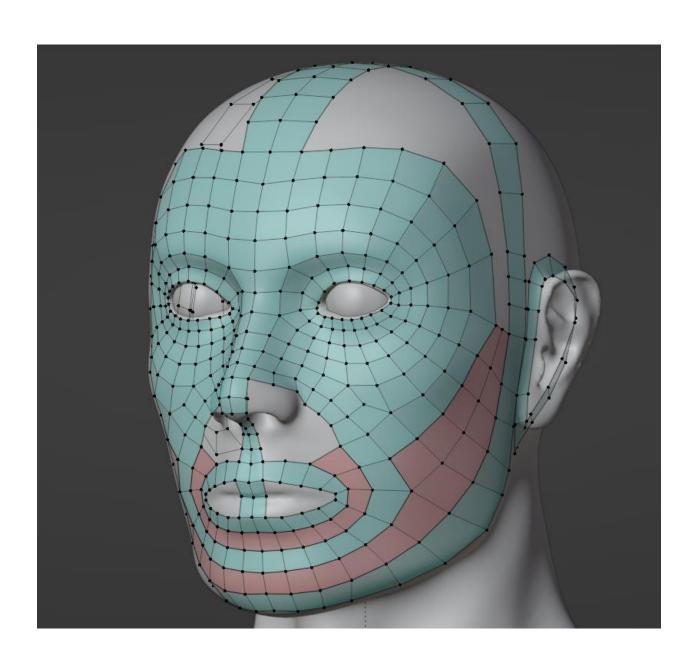


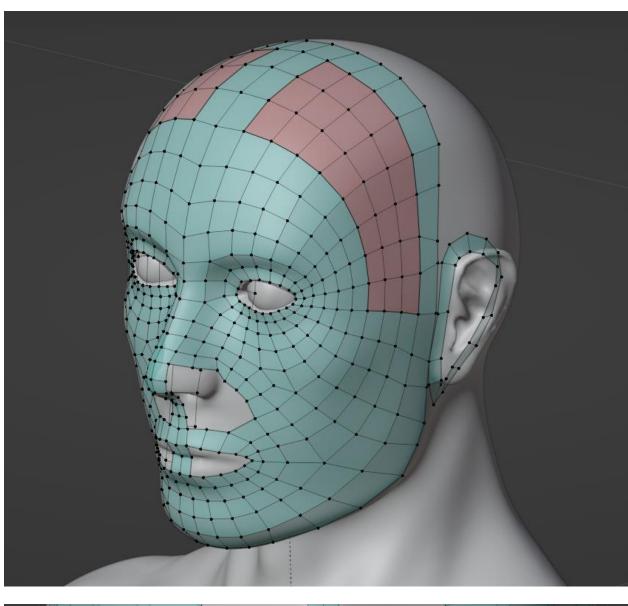


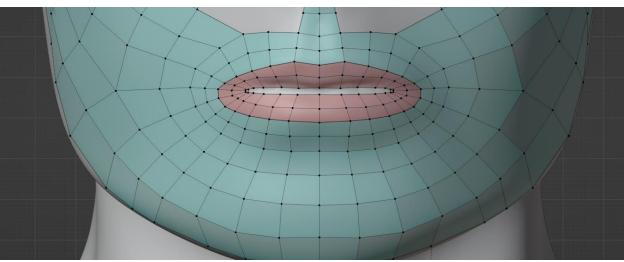


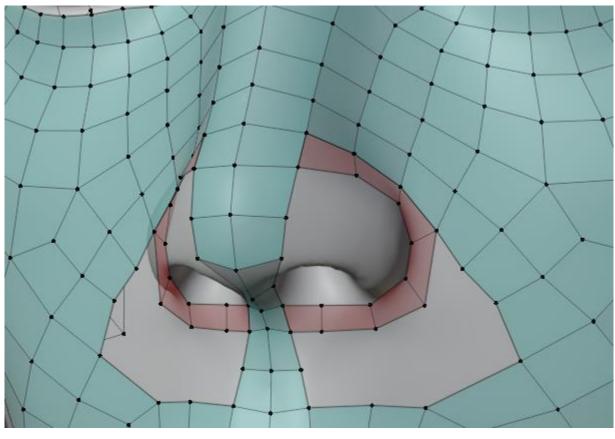


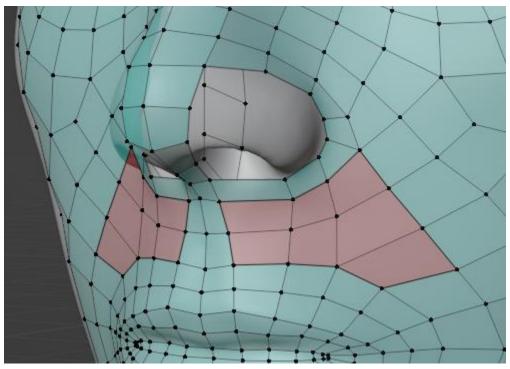


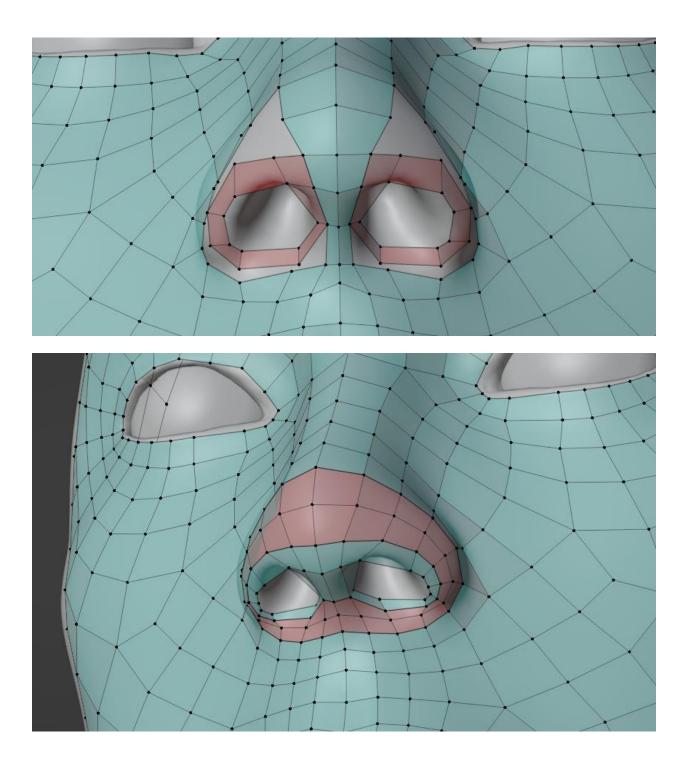


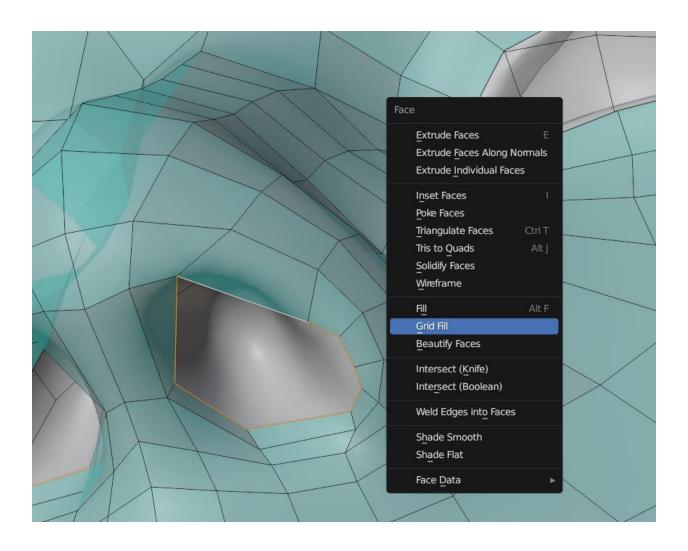


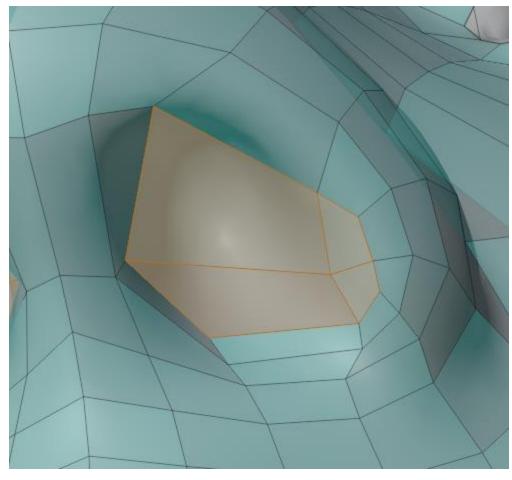


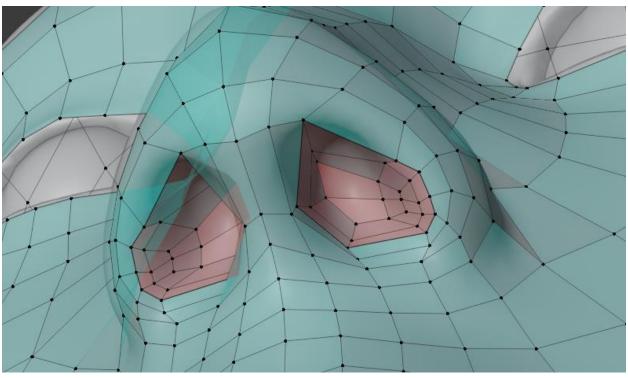


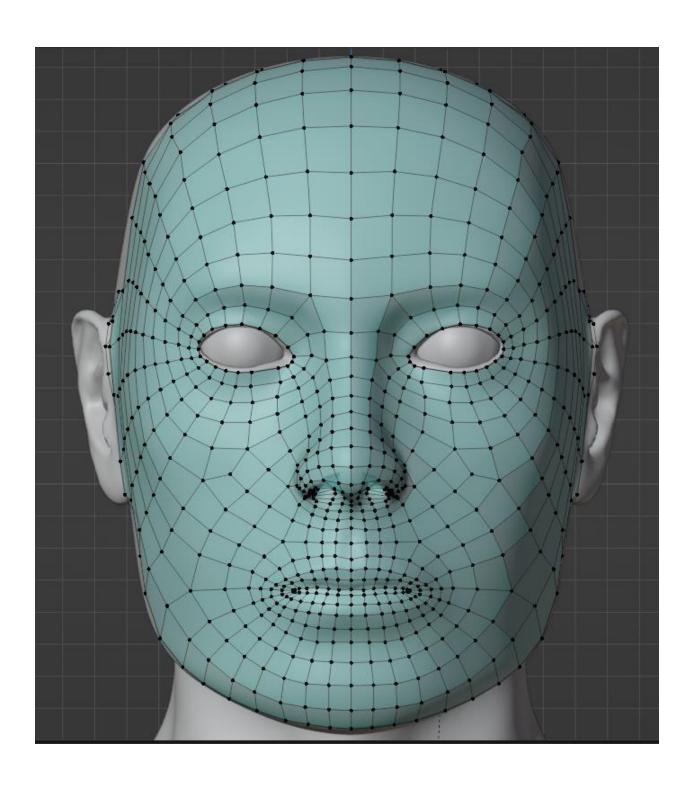


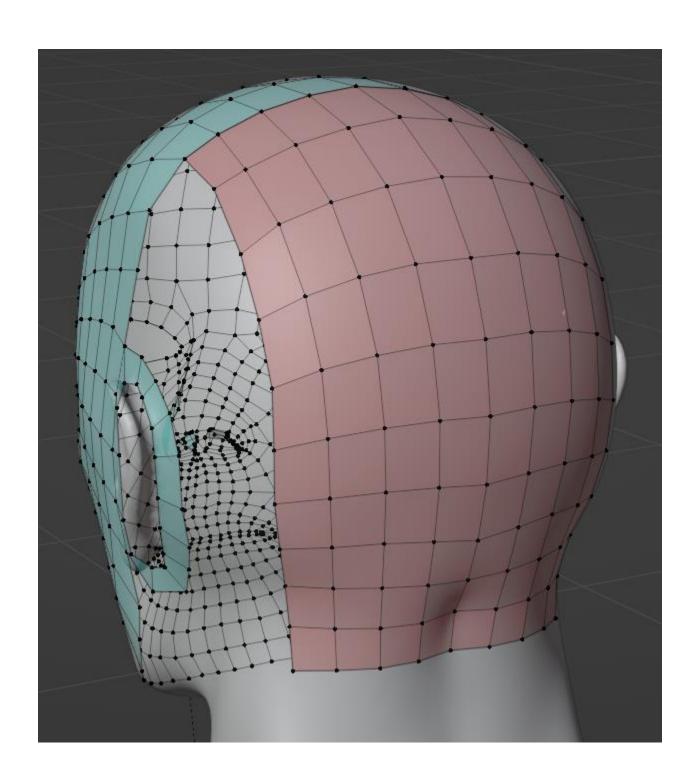


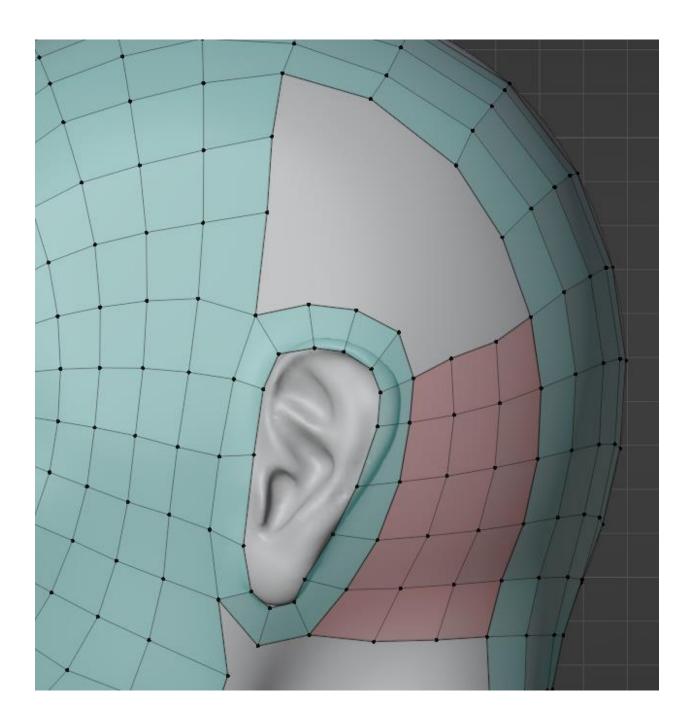


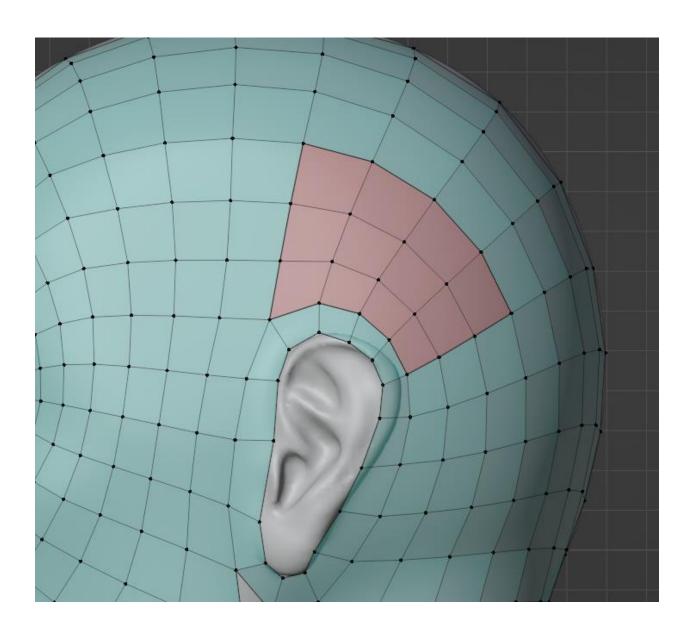


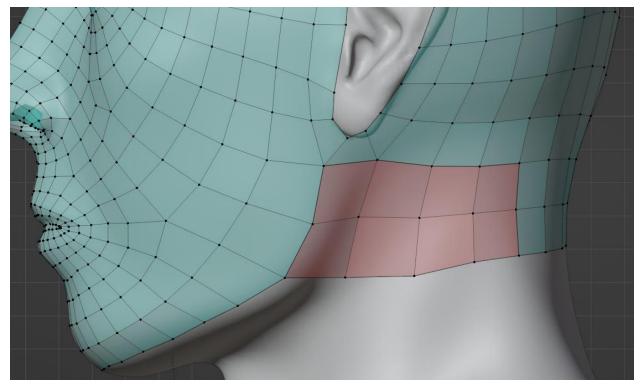




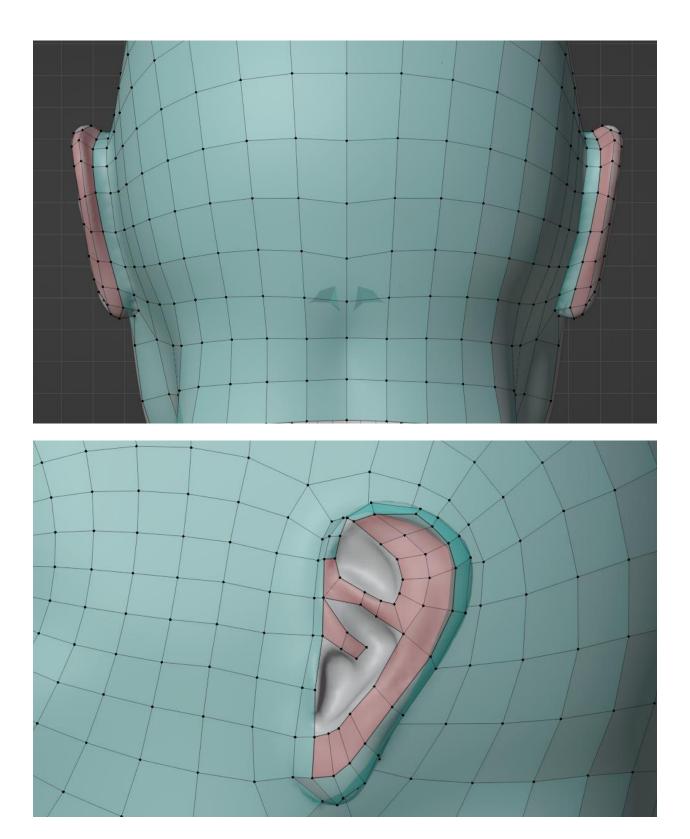


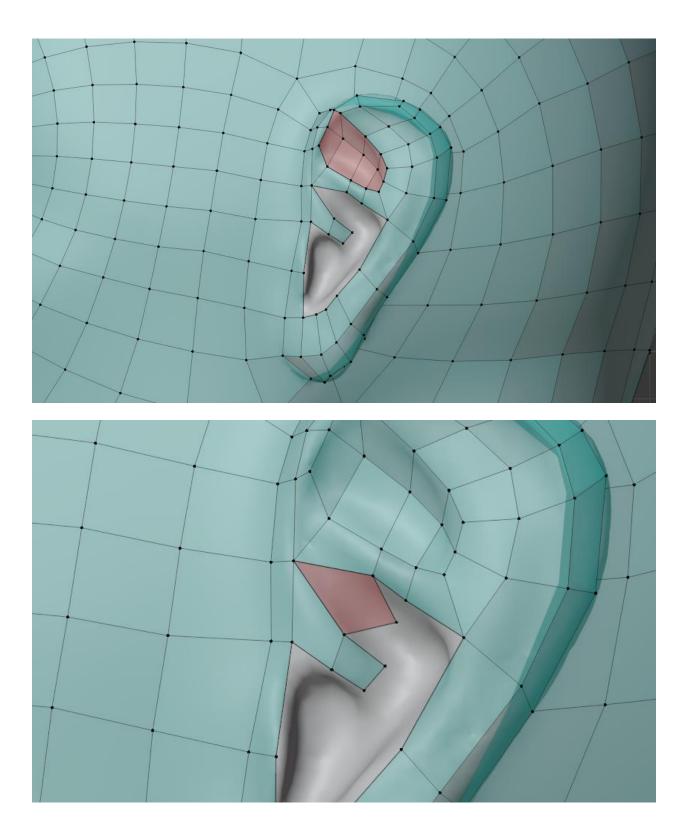


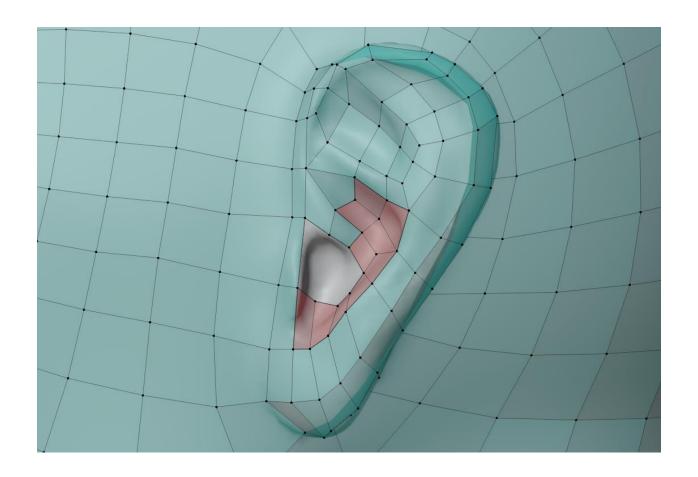


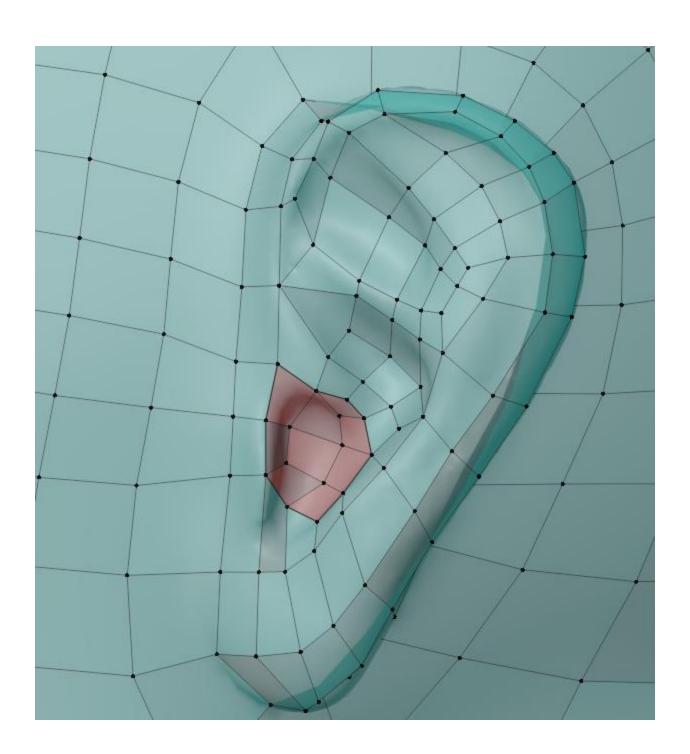


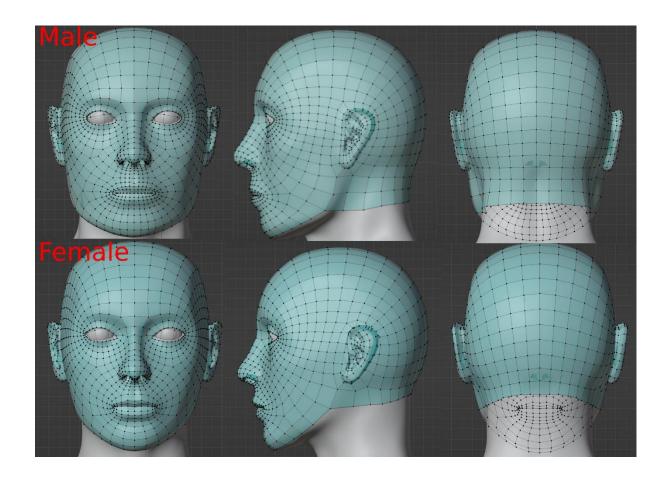


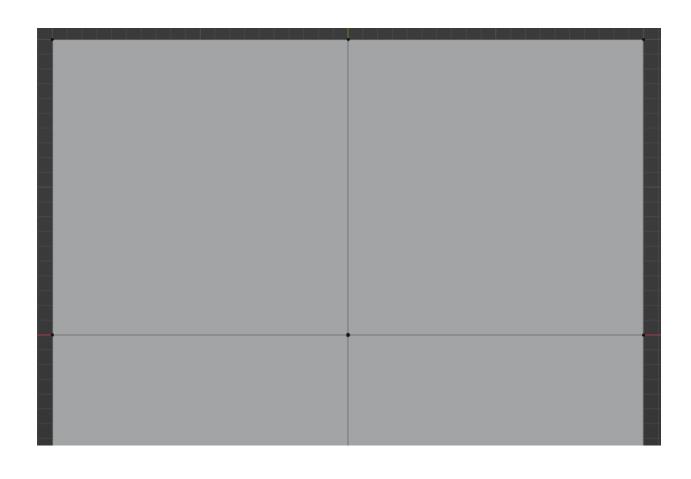


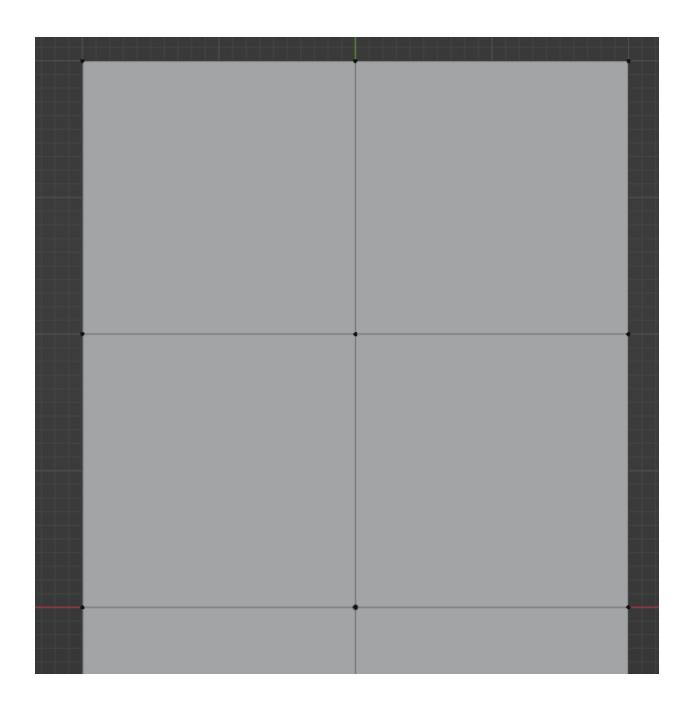


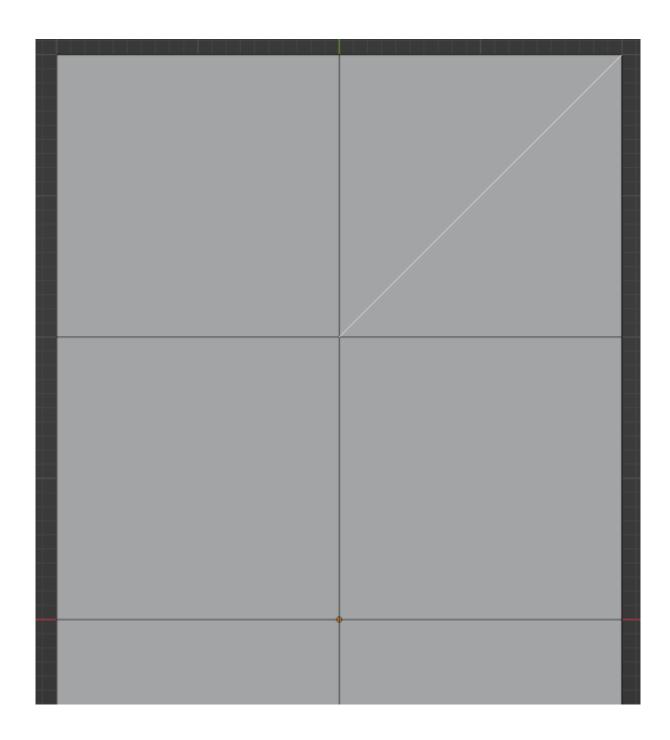


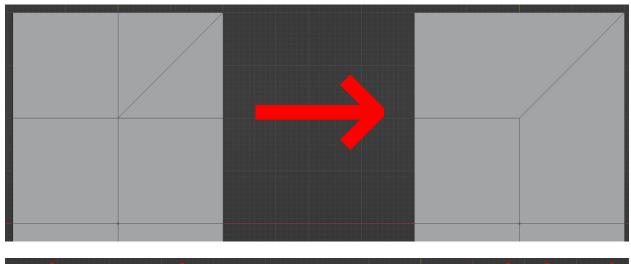


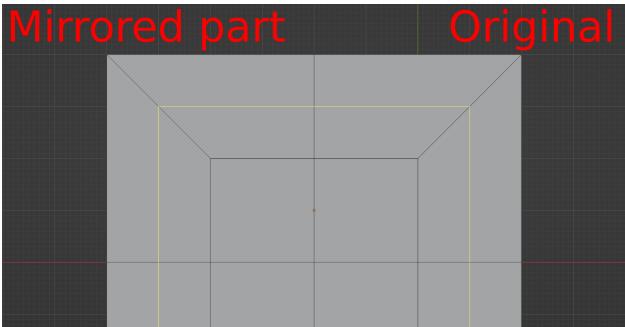


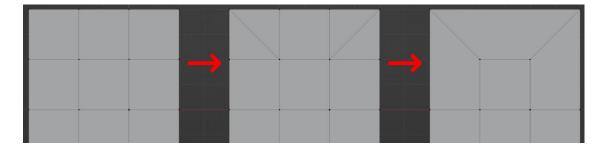


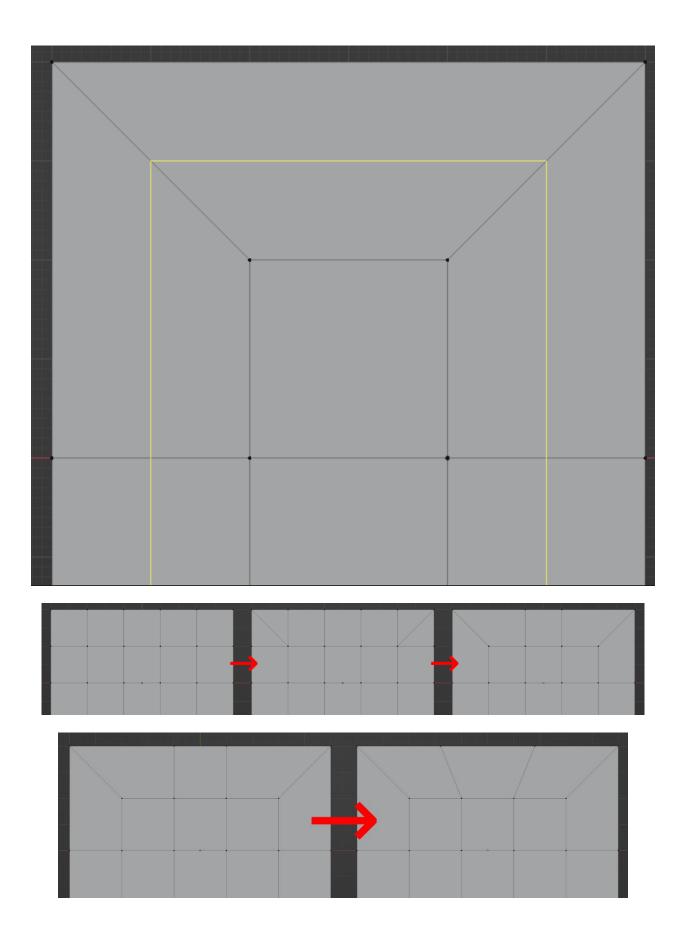


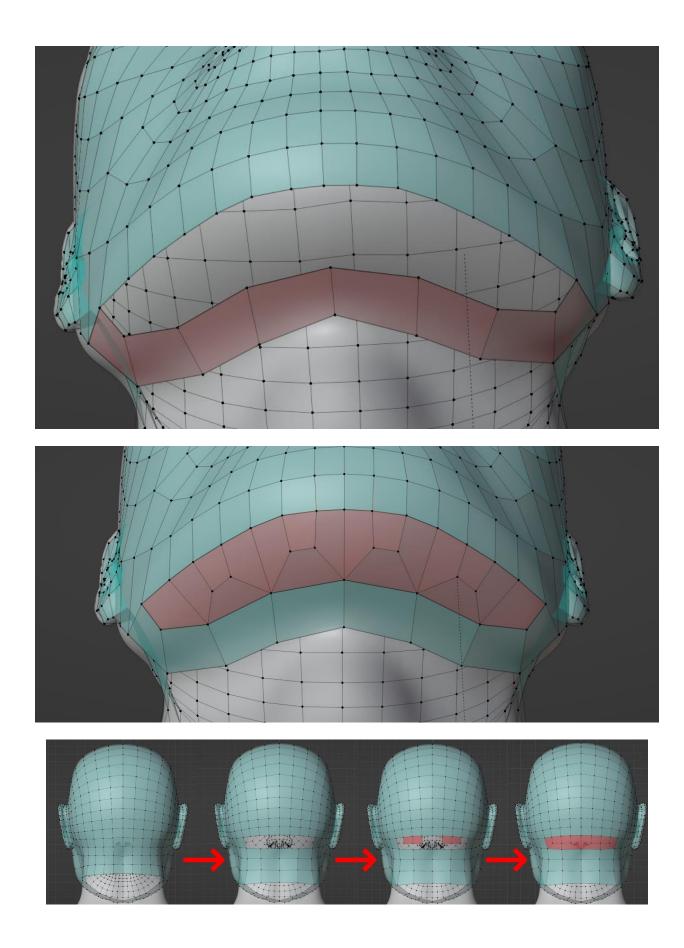


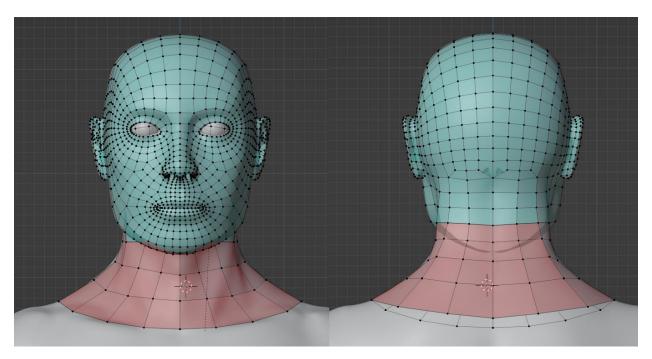


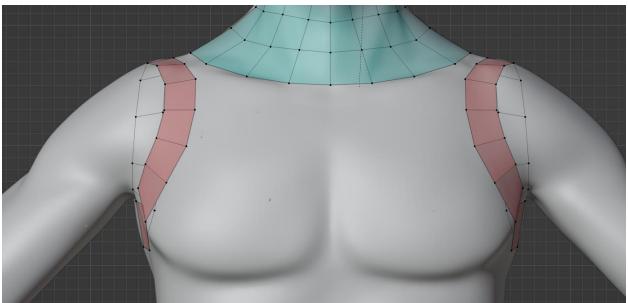


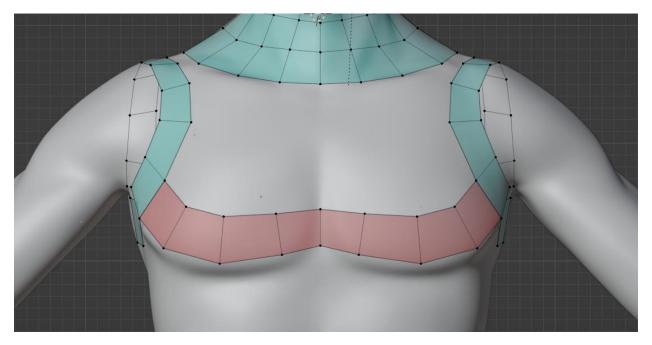


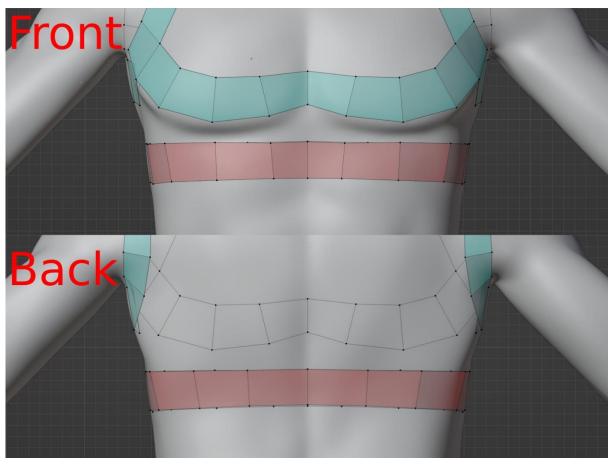


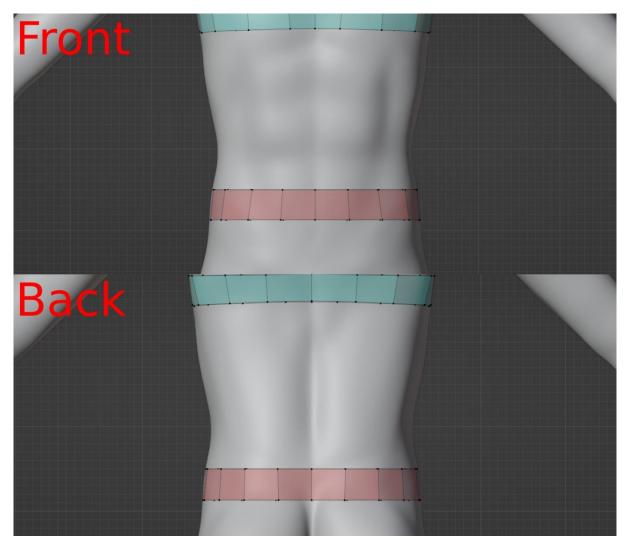


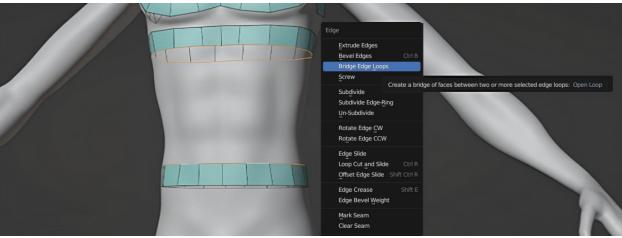


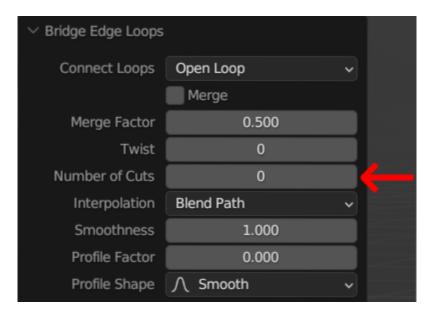




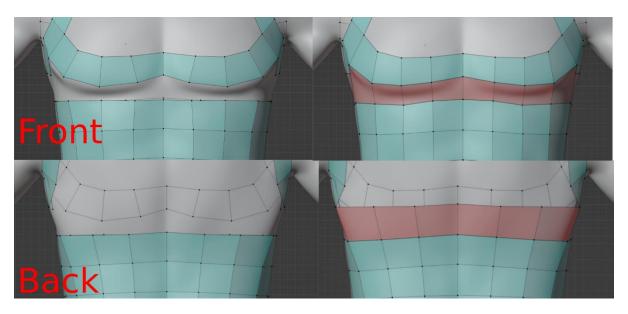


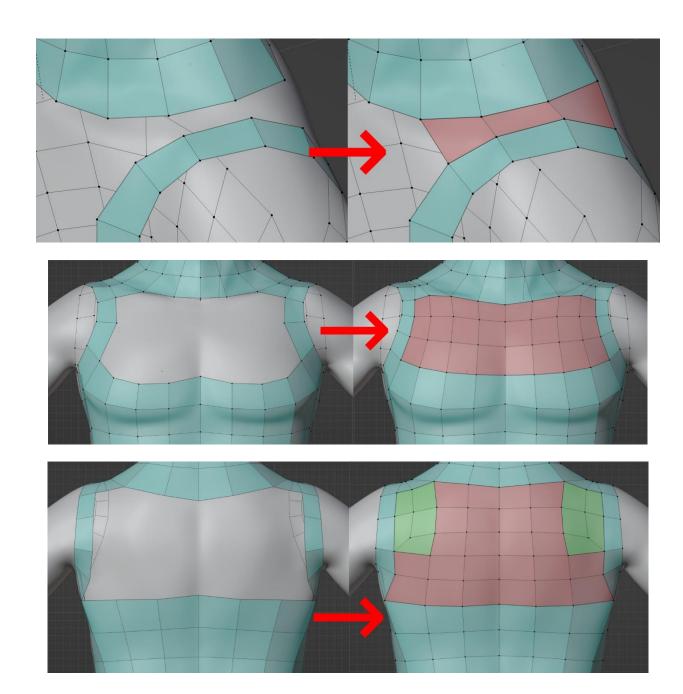


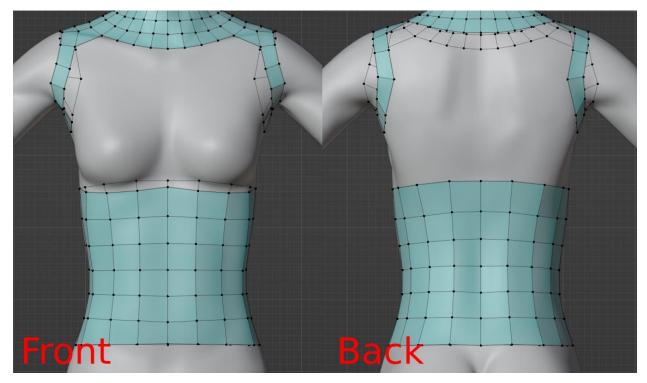


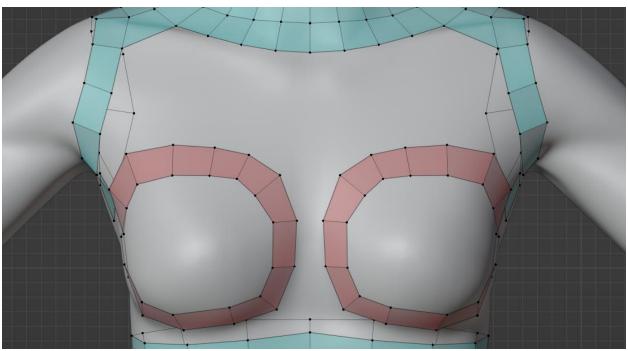


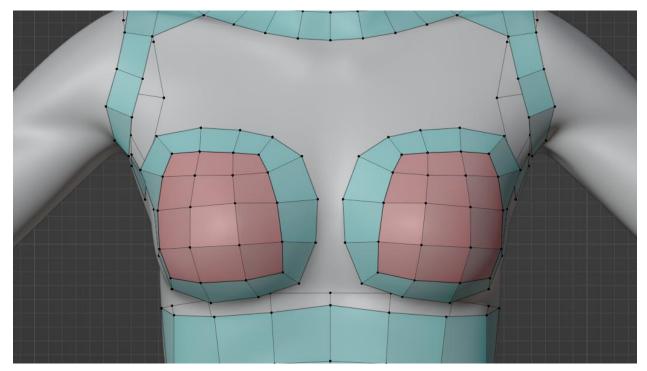


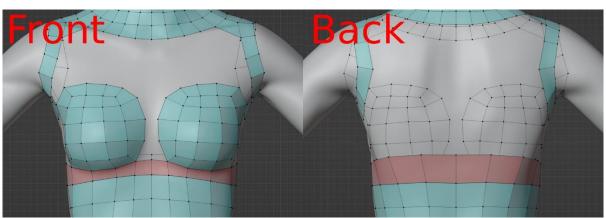


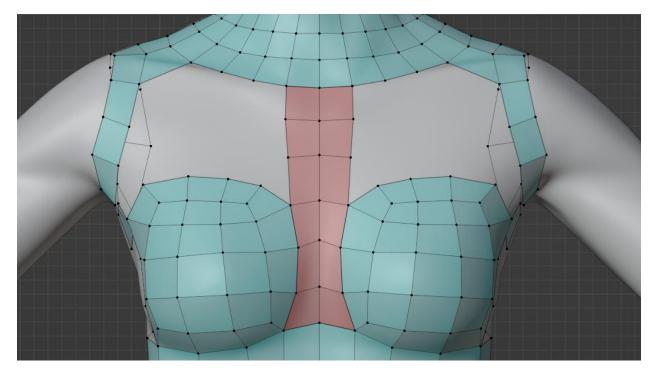


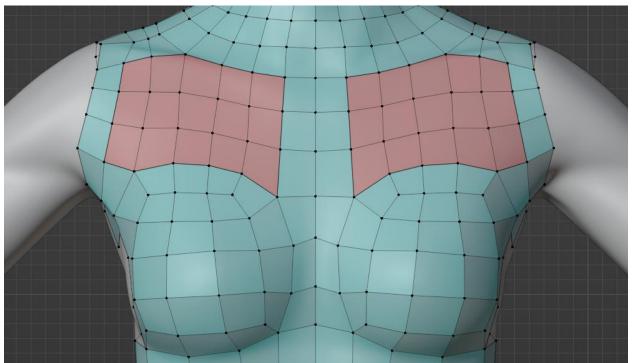


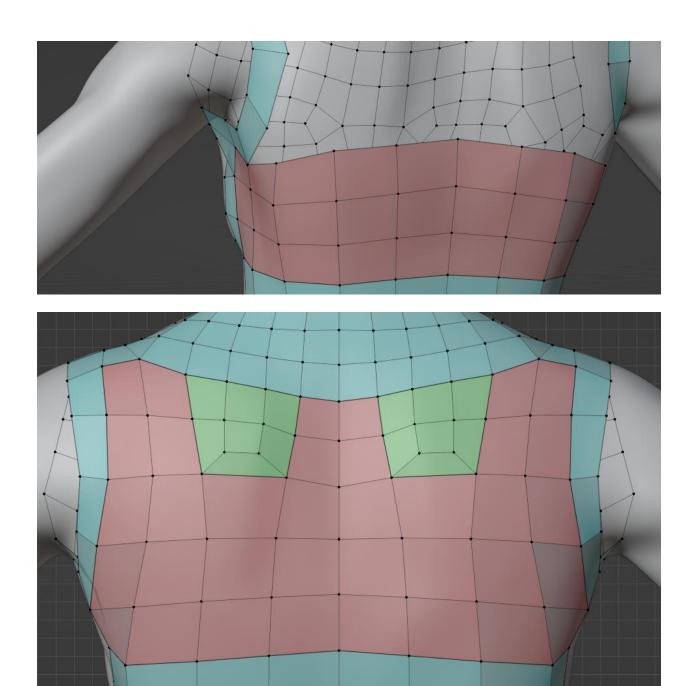


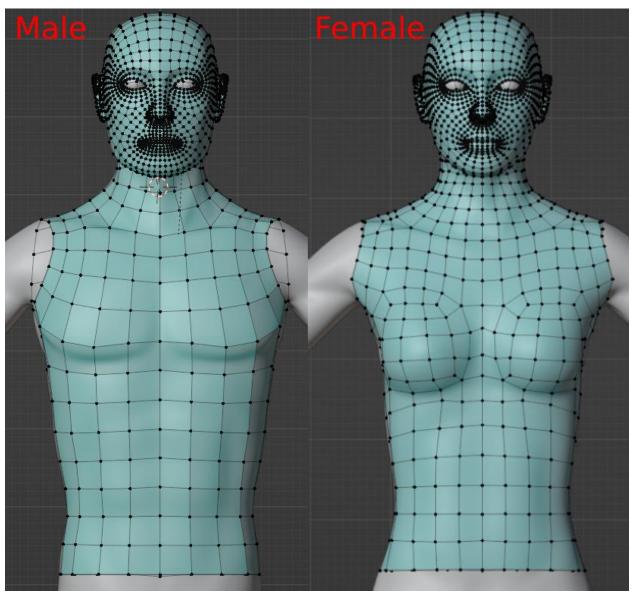


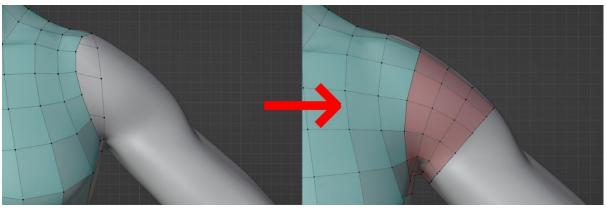


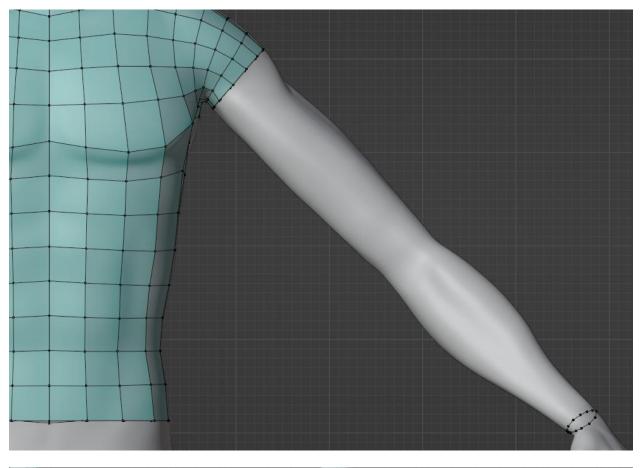


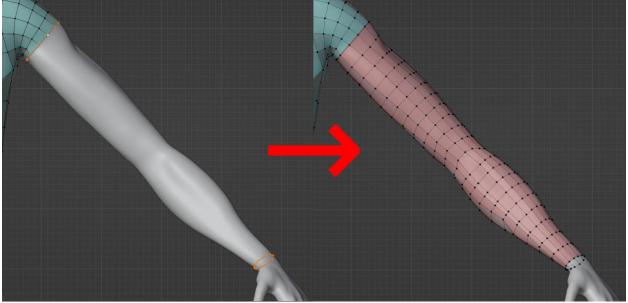


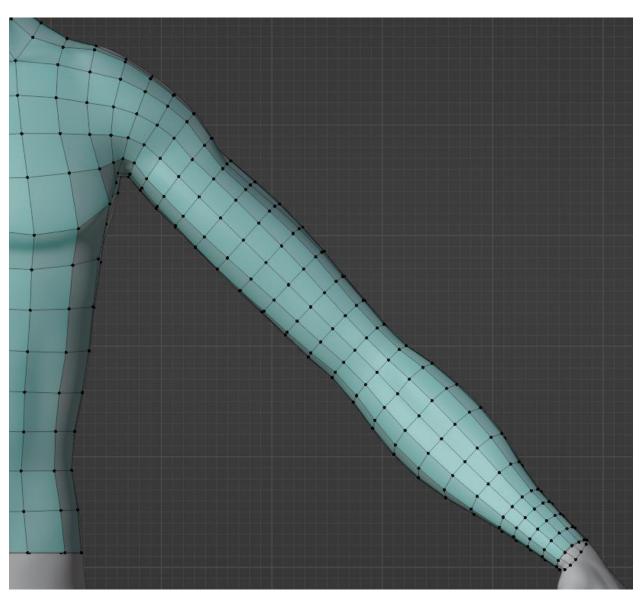


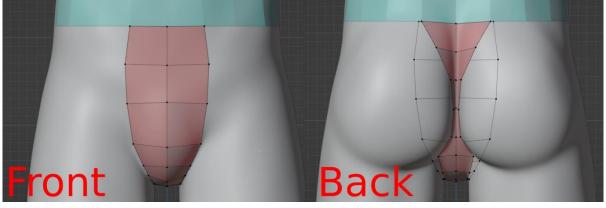


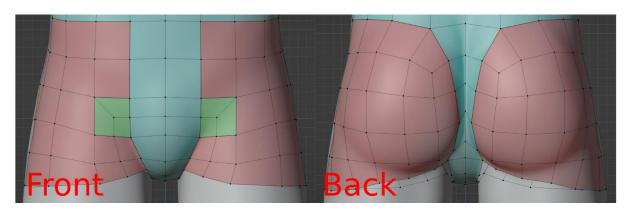




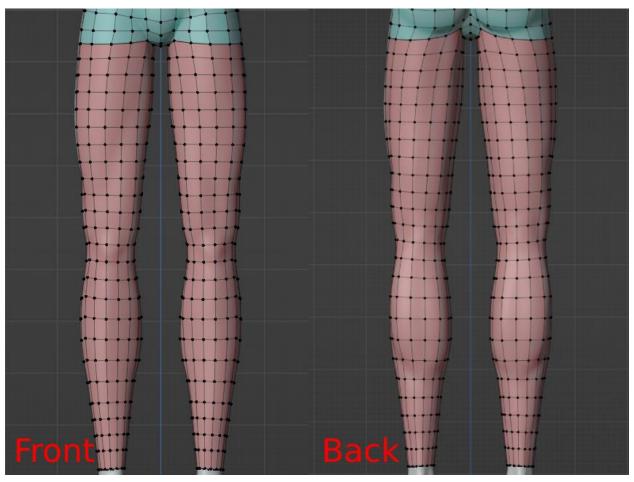


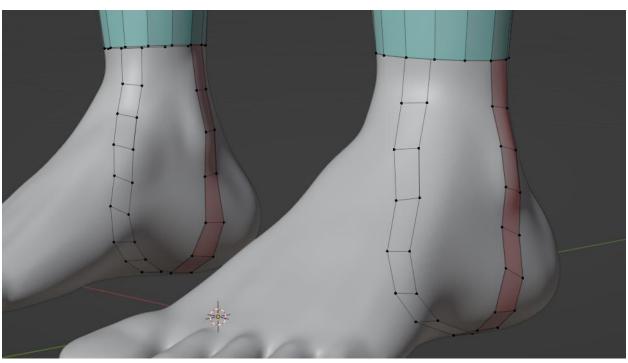


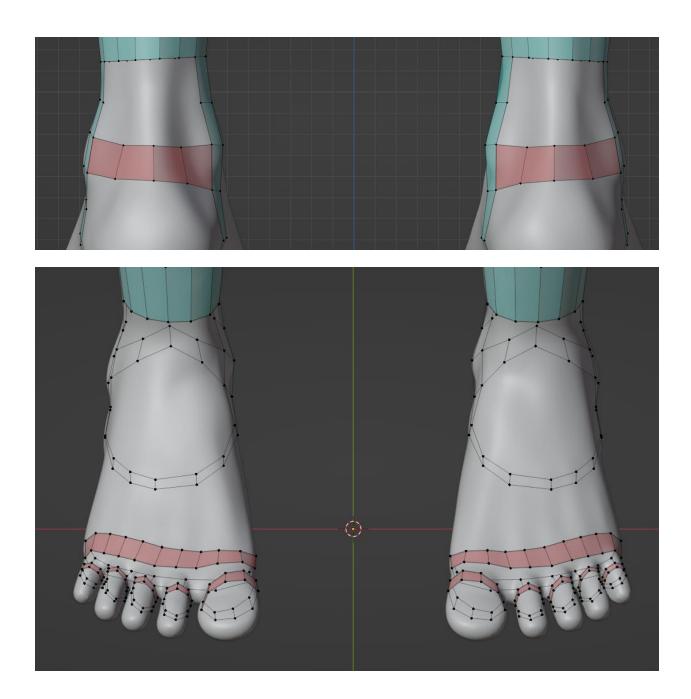


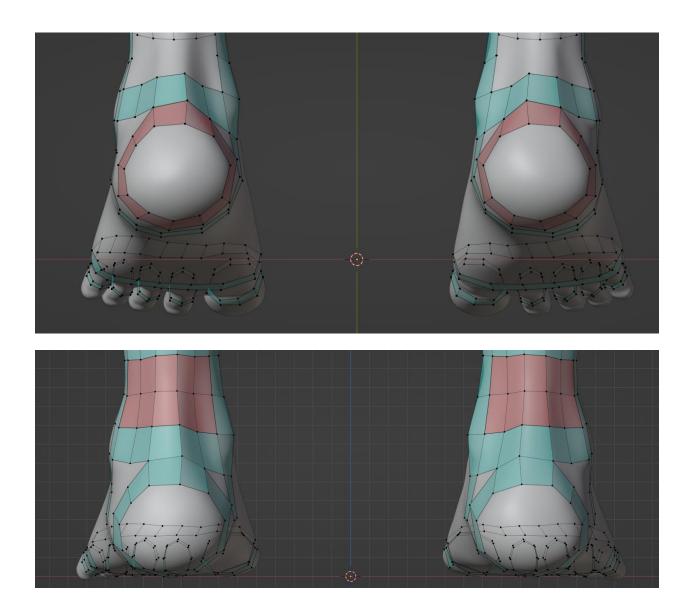


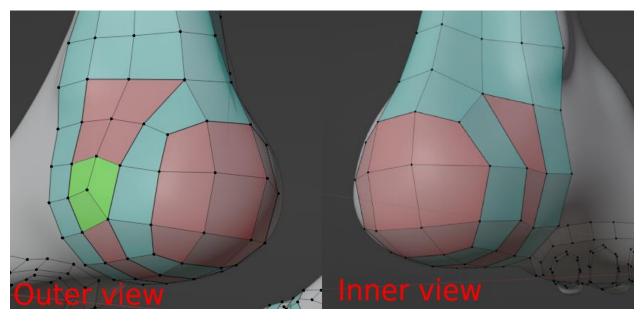


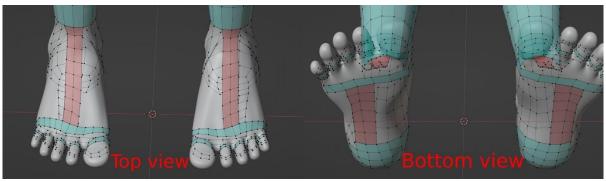


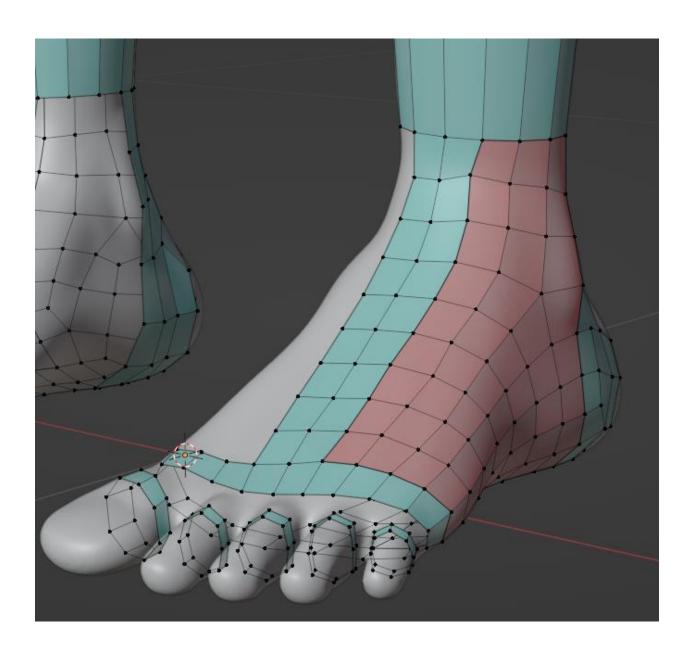


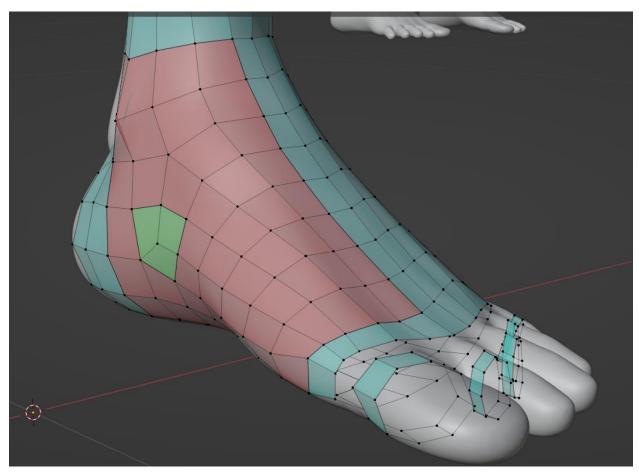


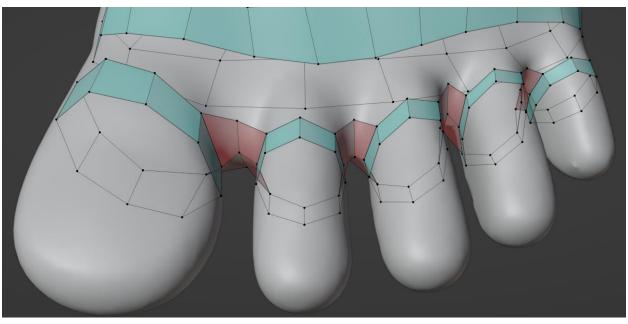


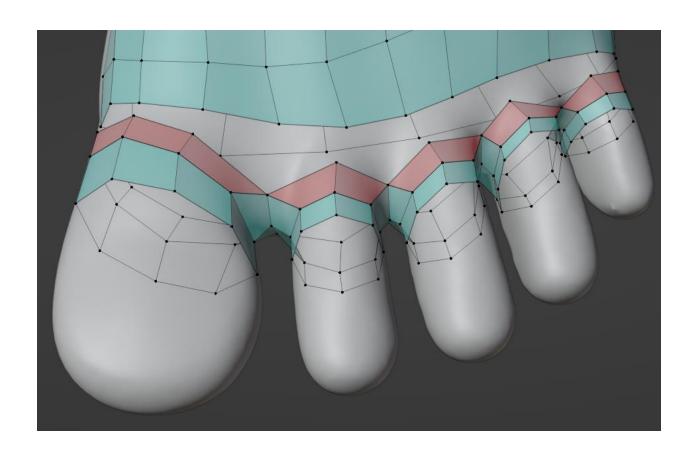


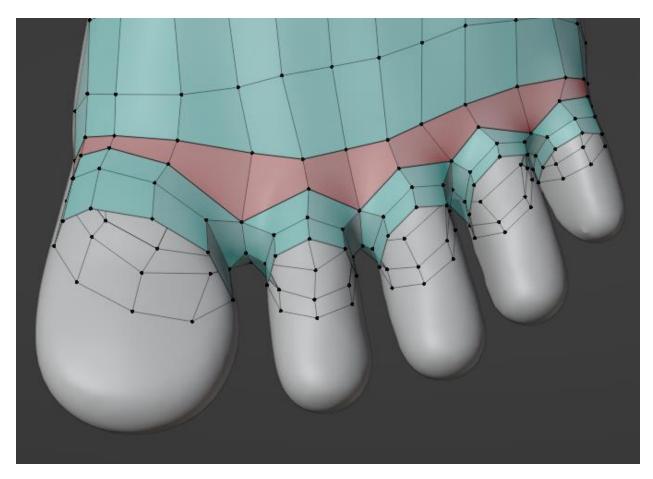


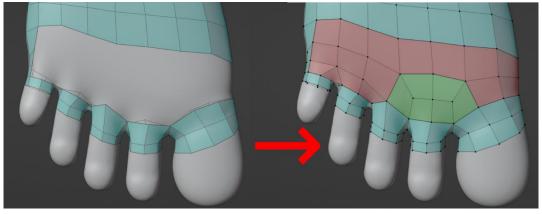


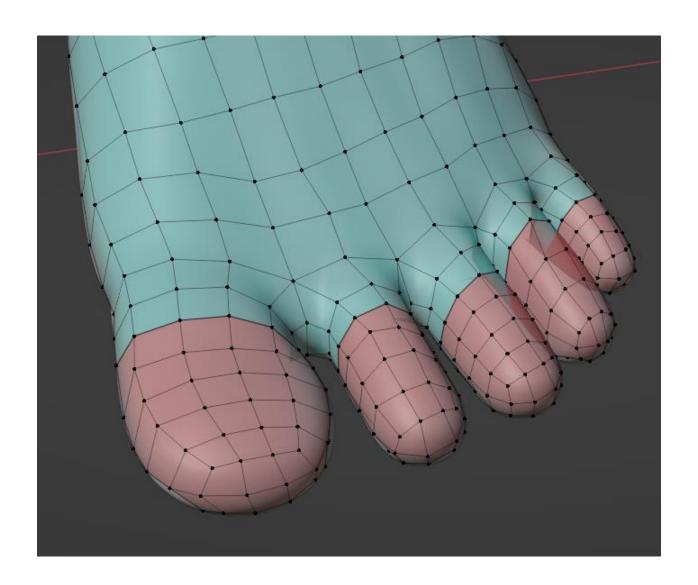


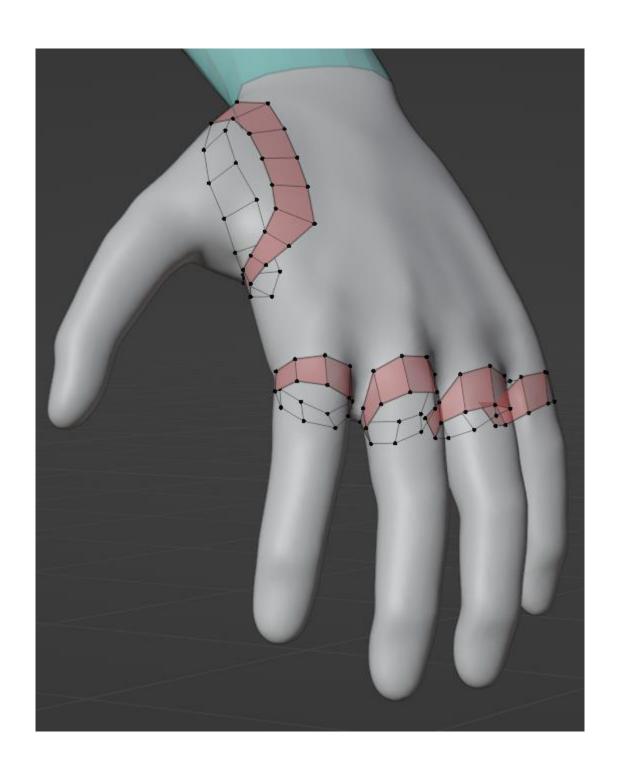


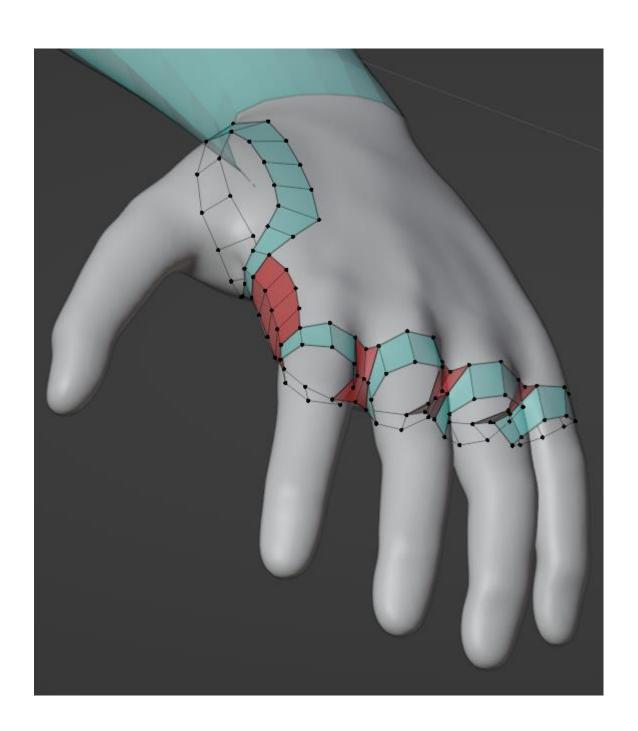


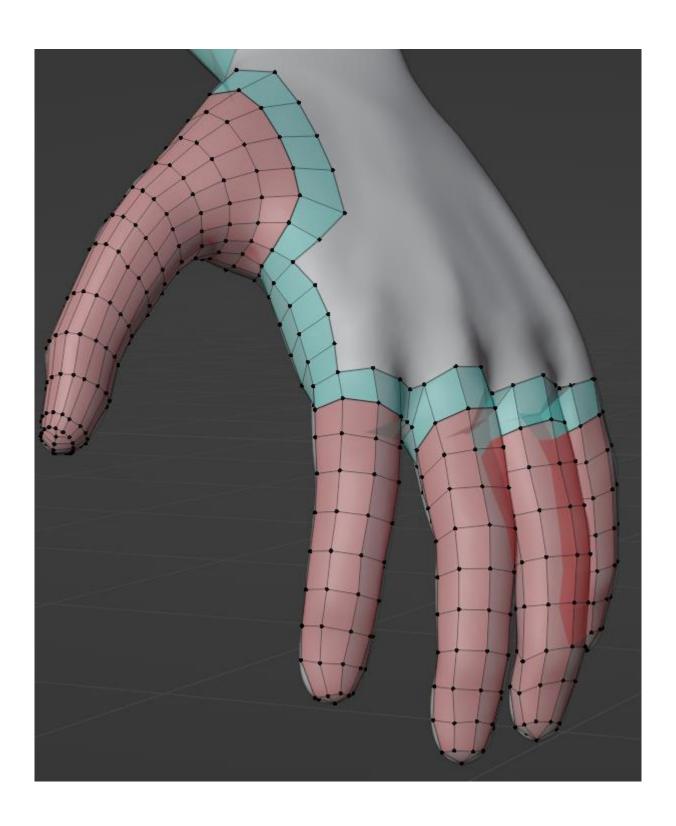


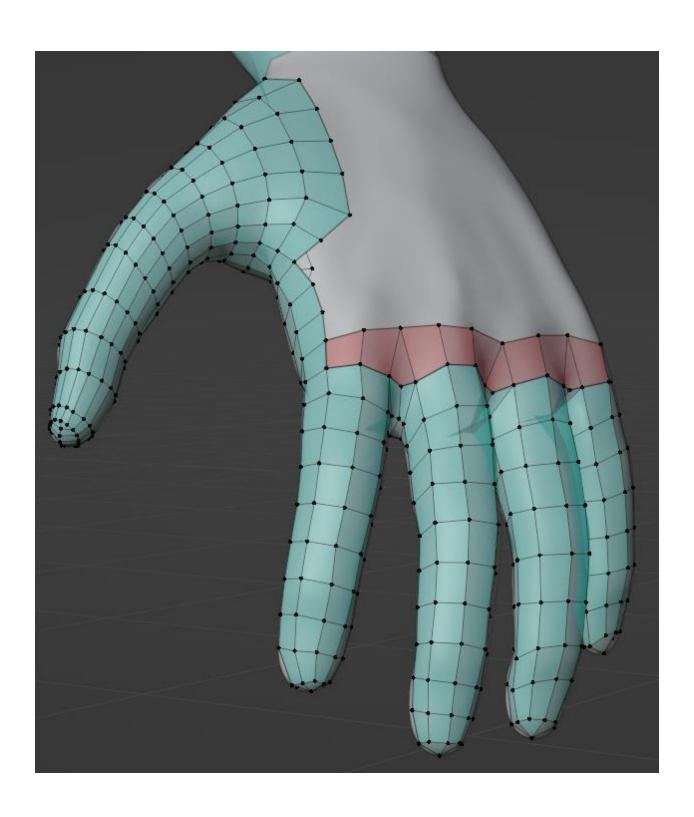


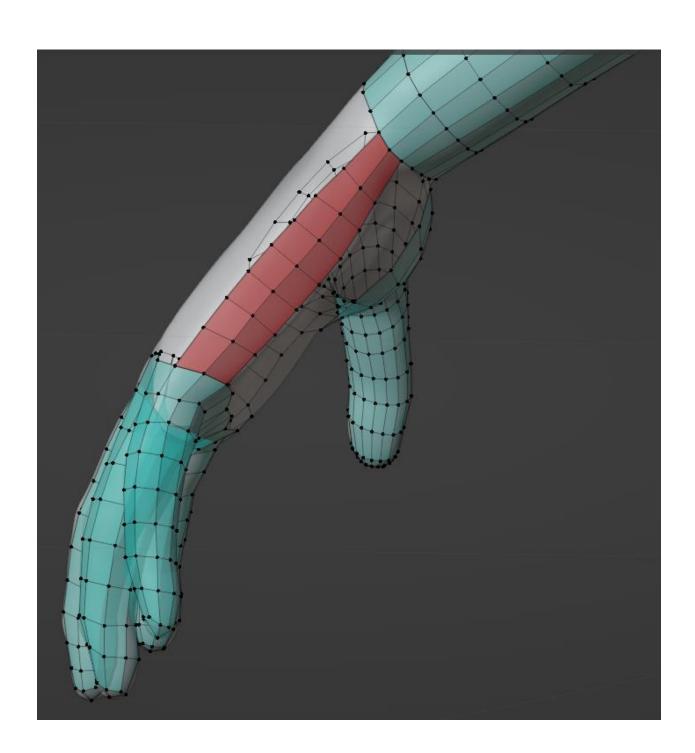


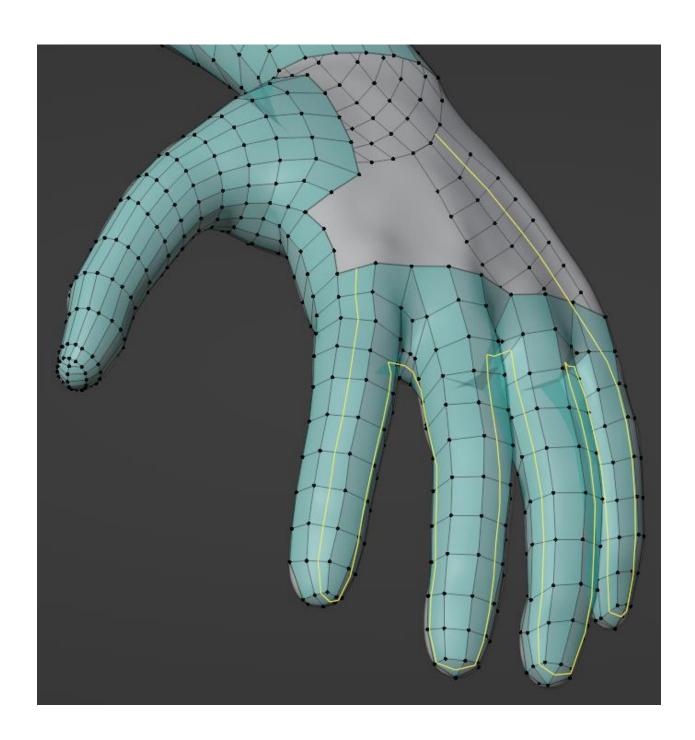


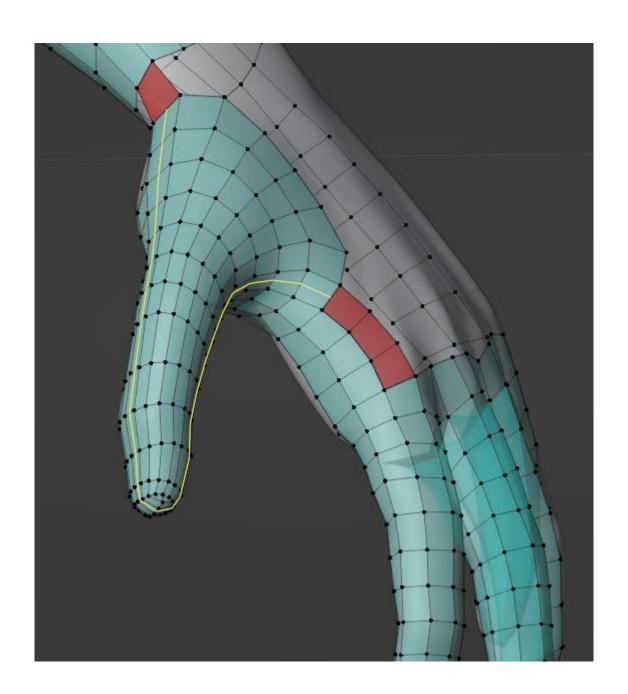


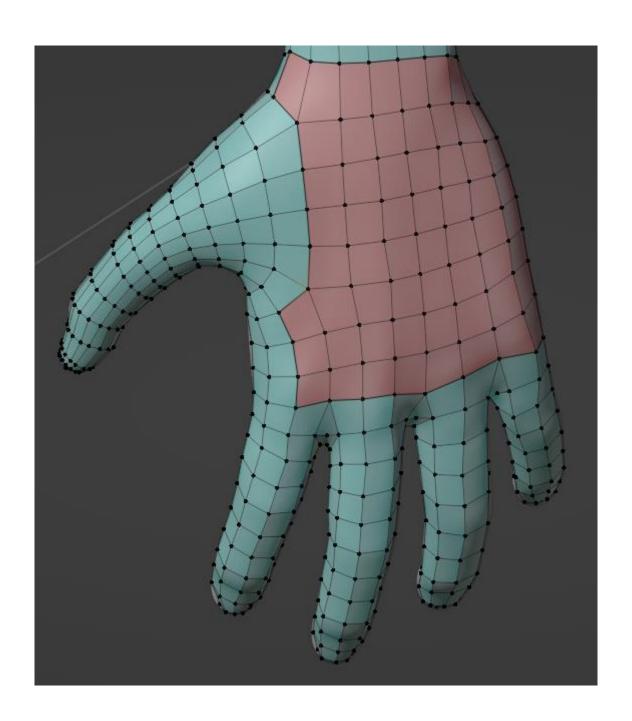


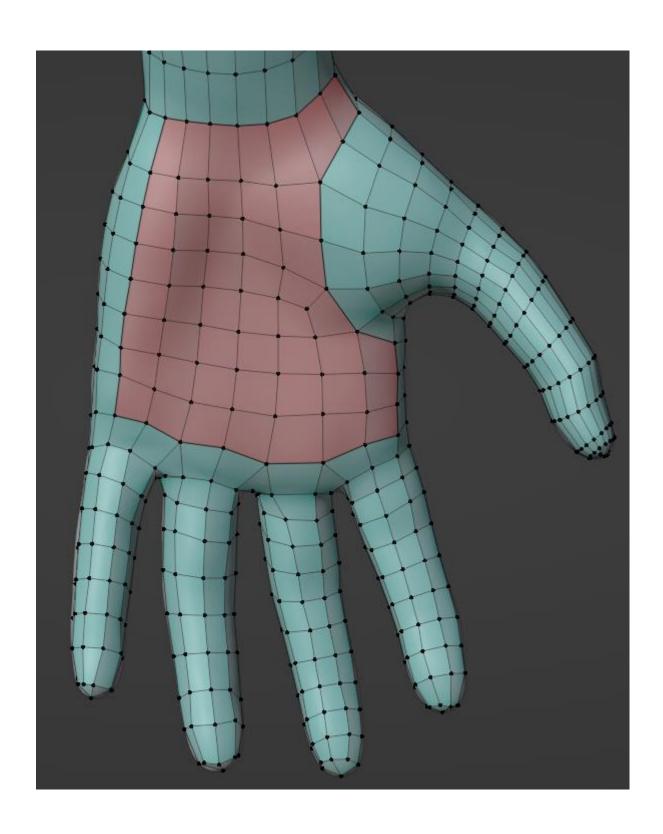


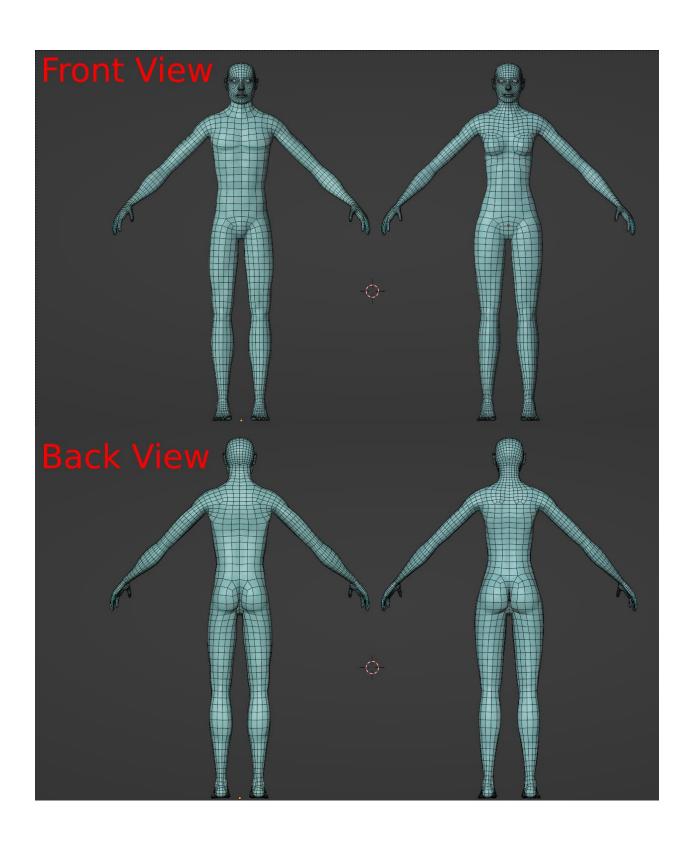


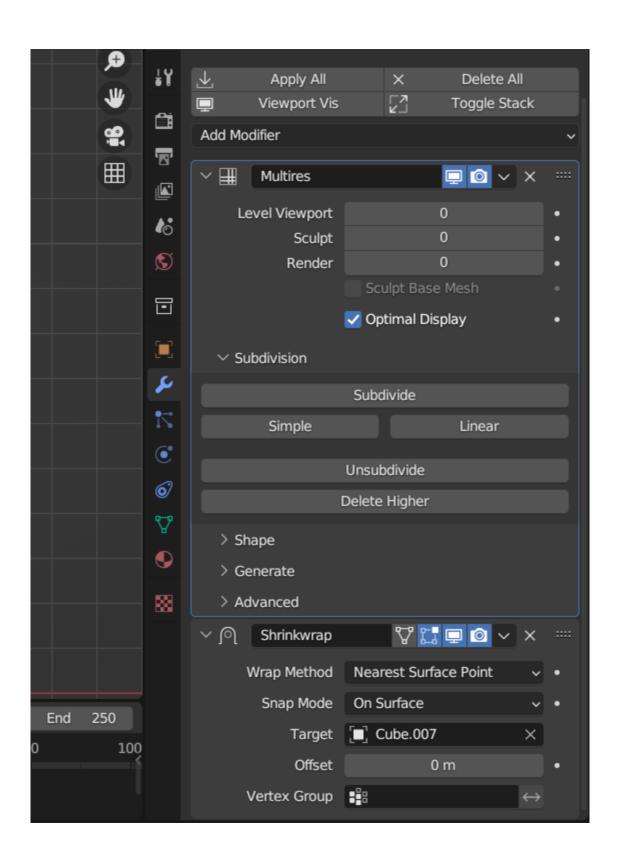


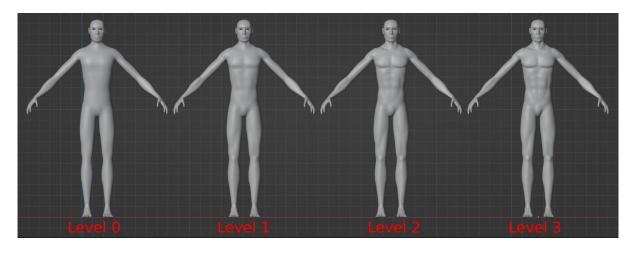


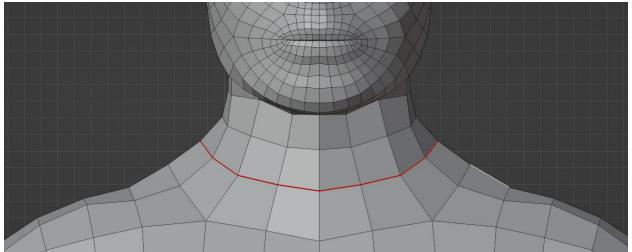


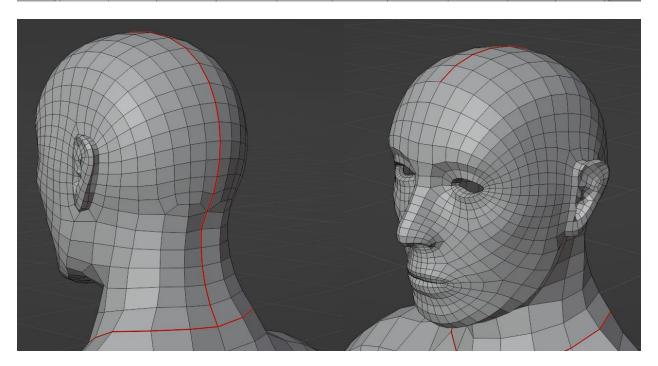


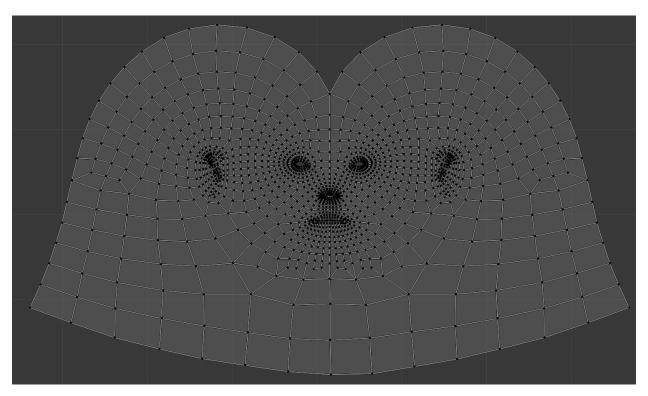


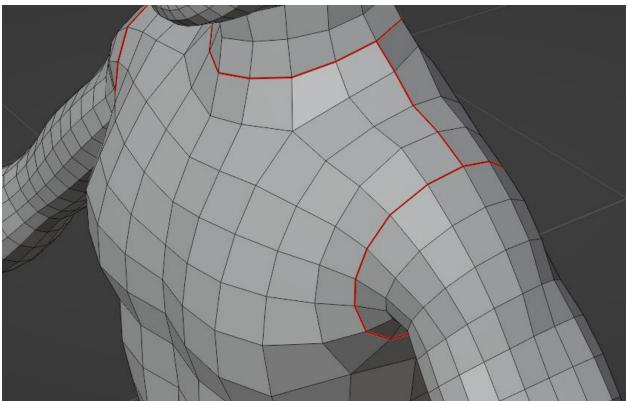


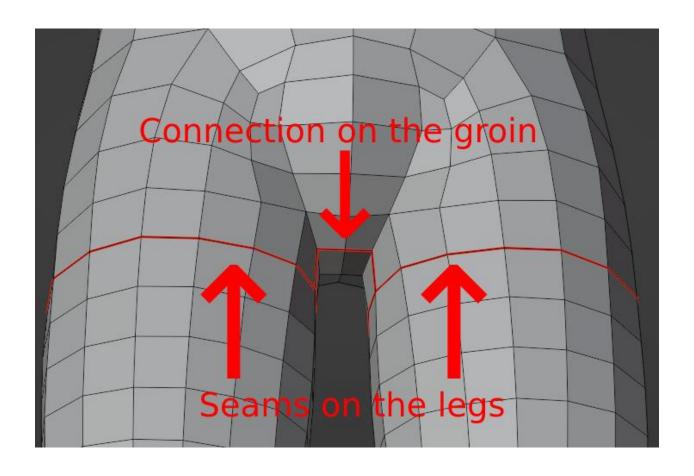


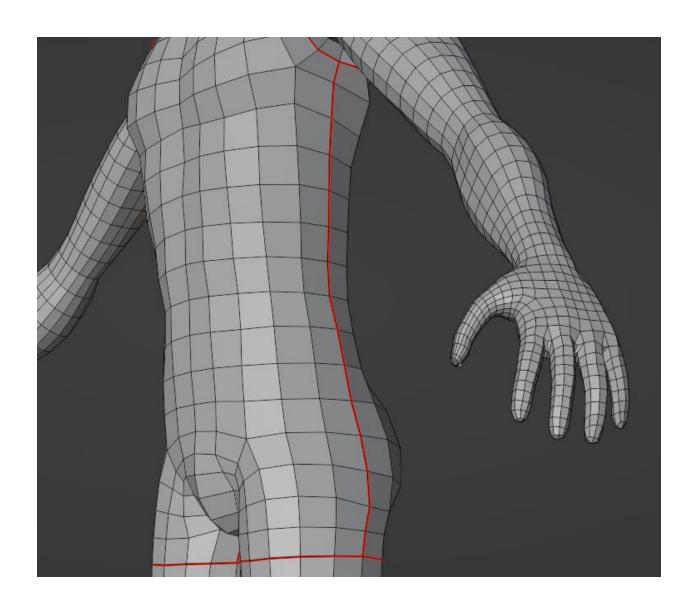


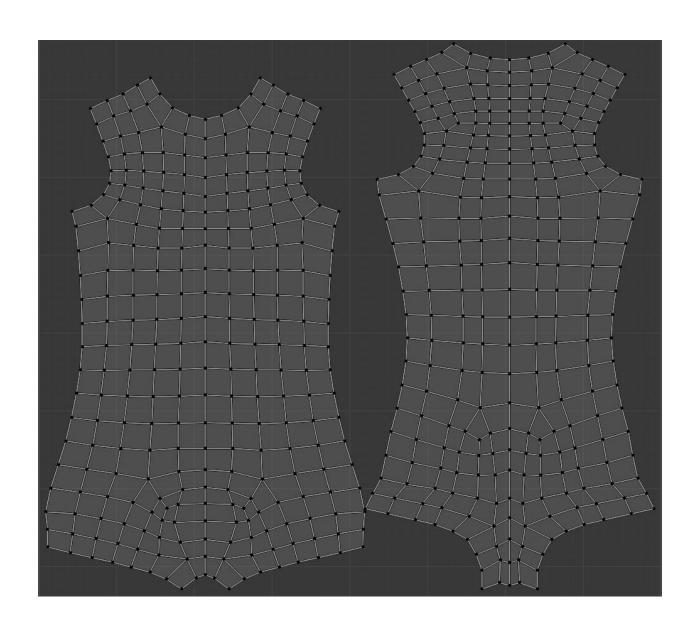


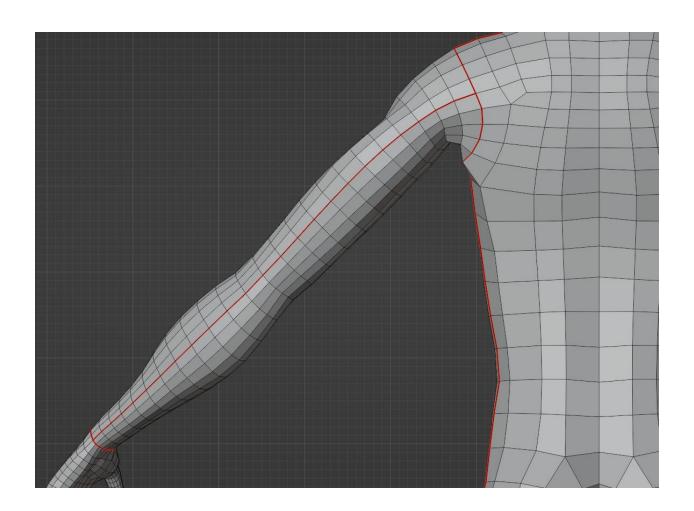


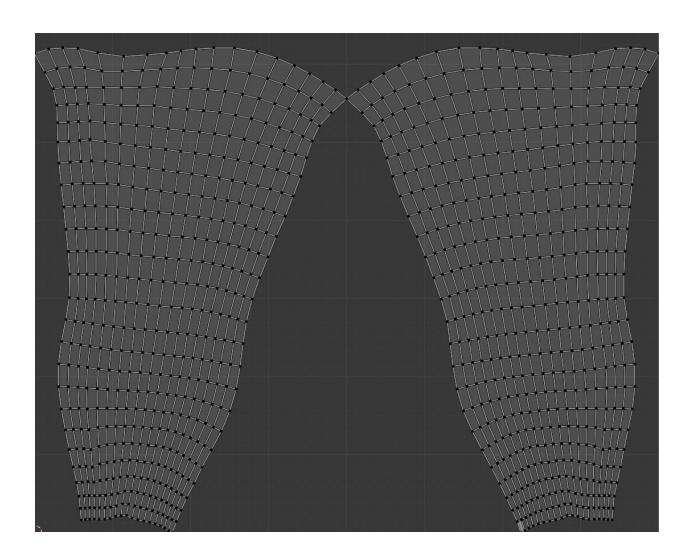


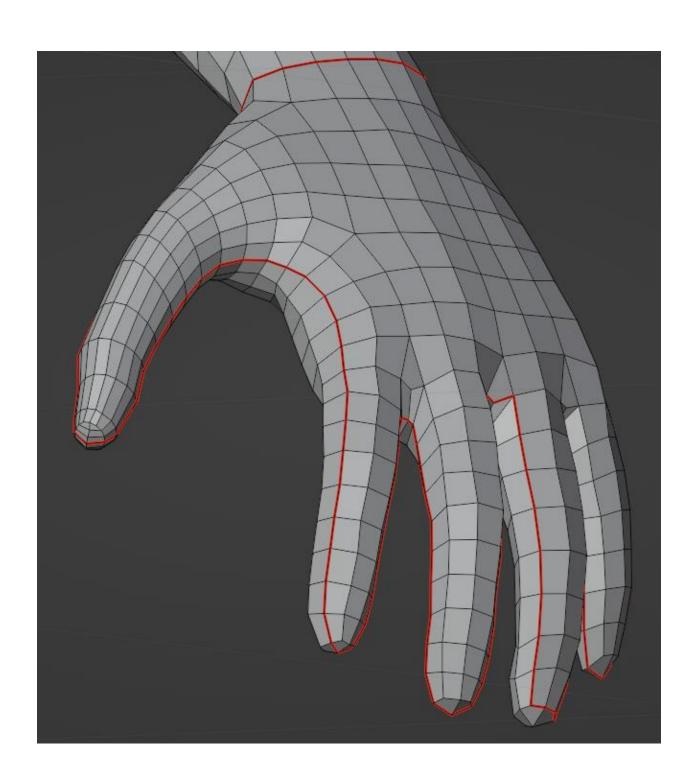


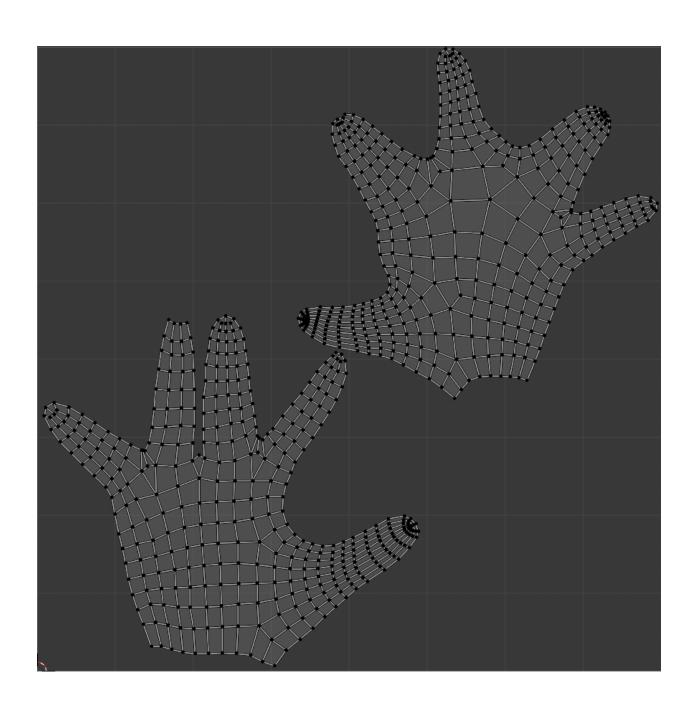


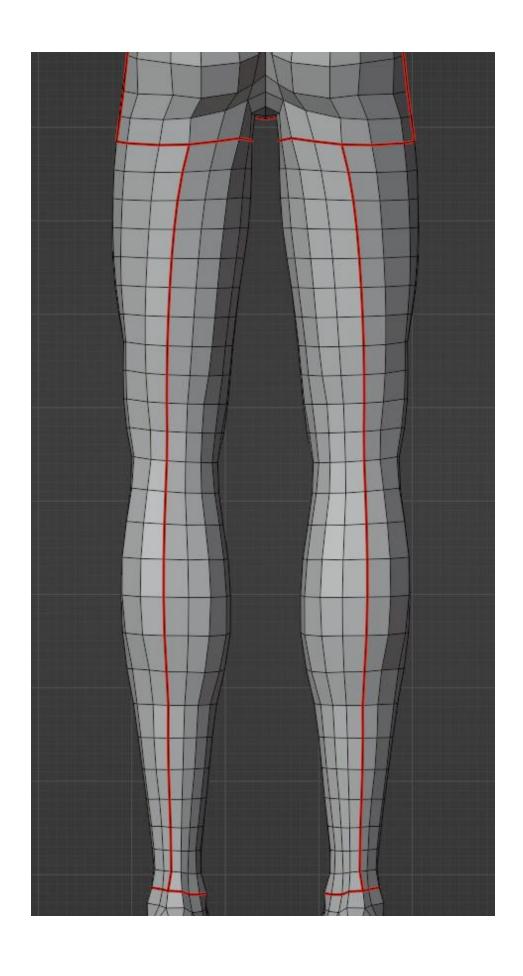


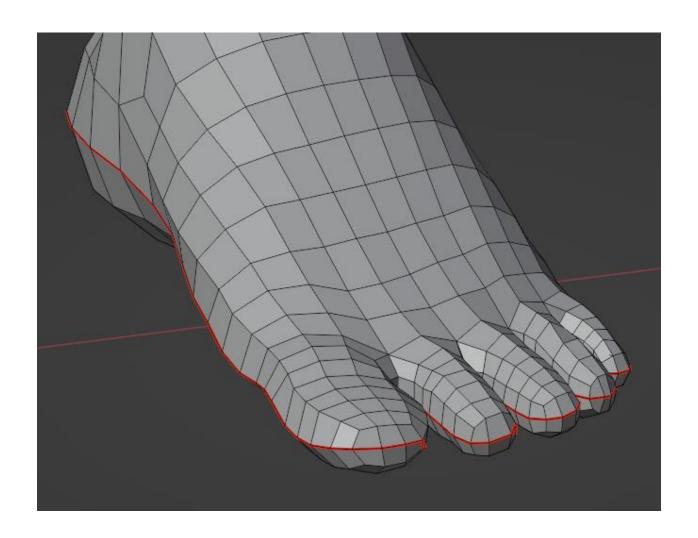


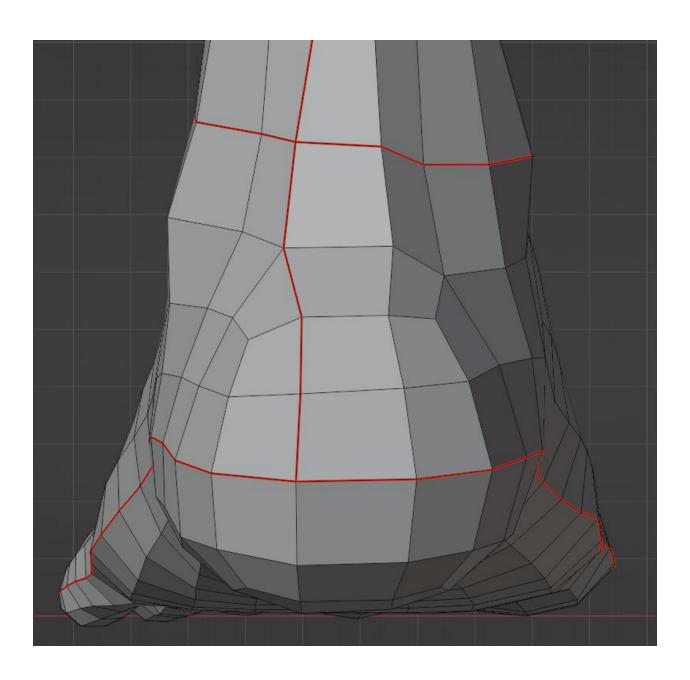


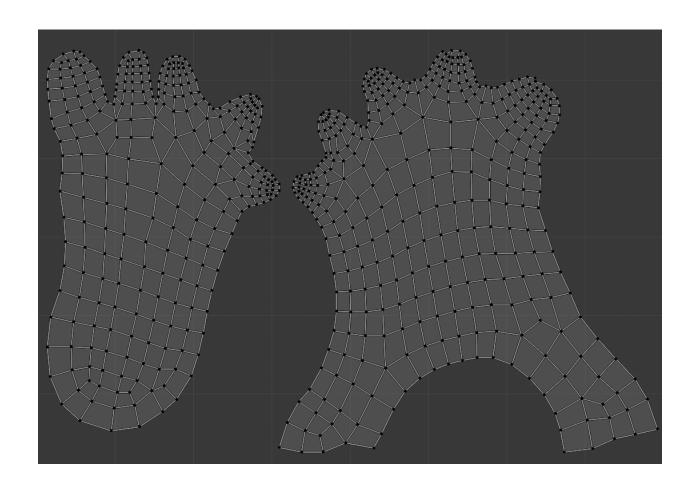


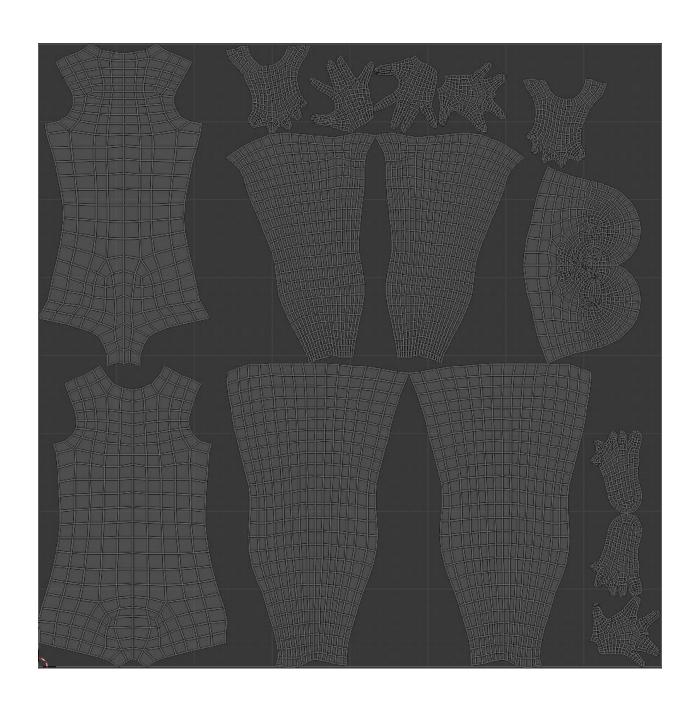






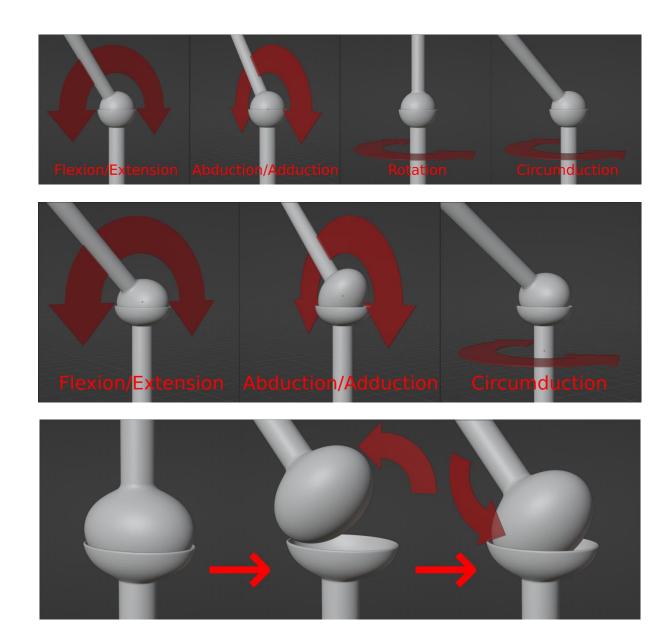


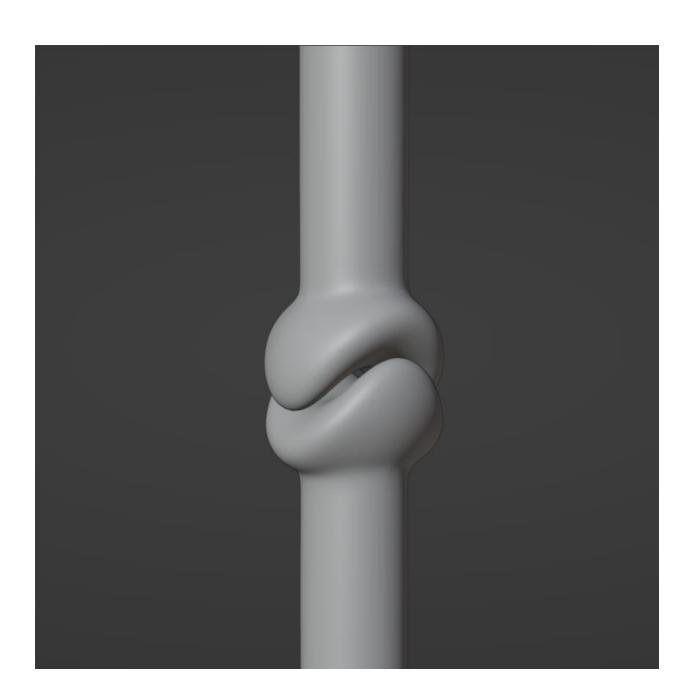


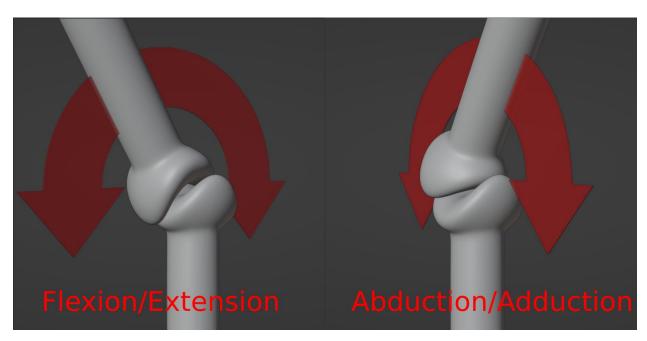


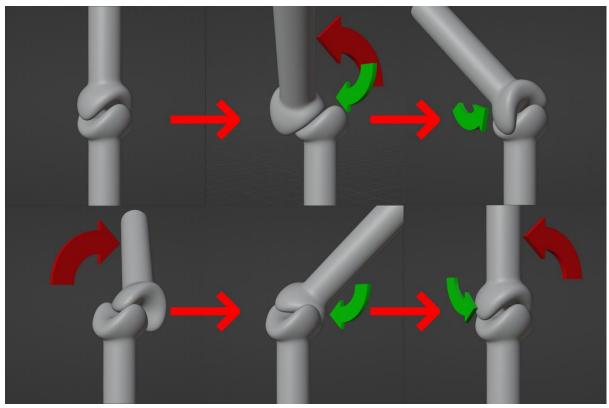


Chapter 10: Rigging the Base Meshes

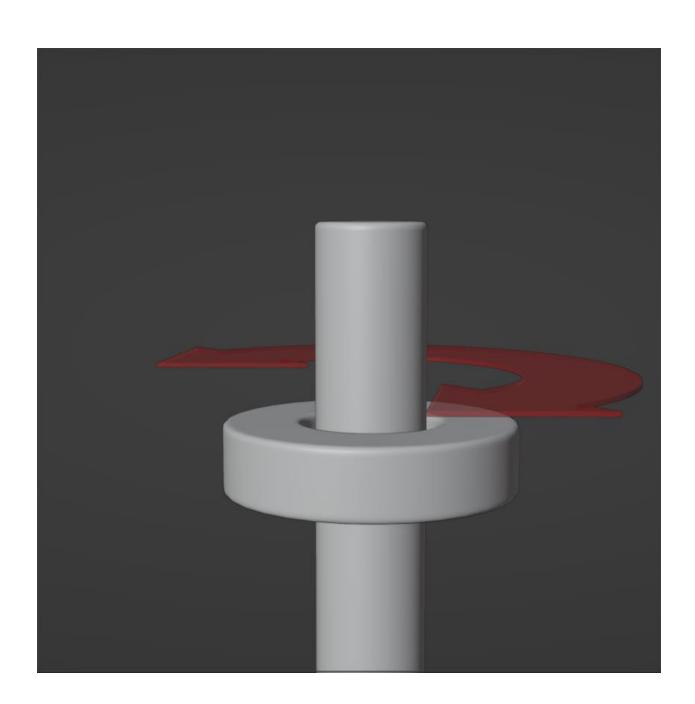


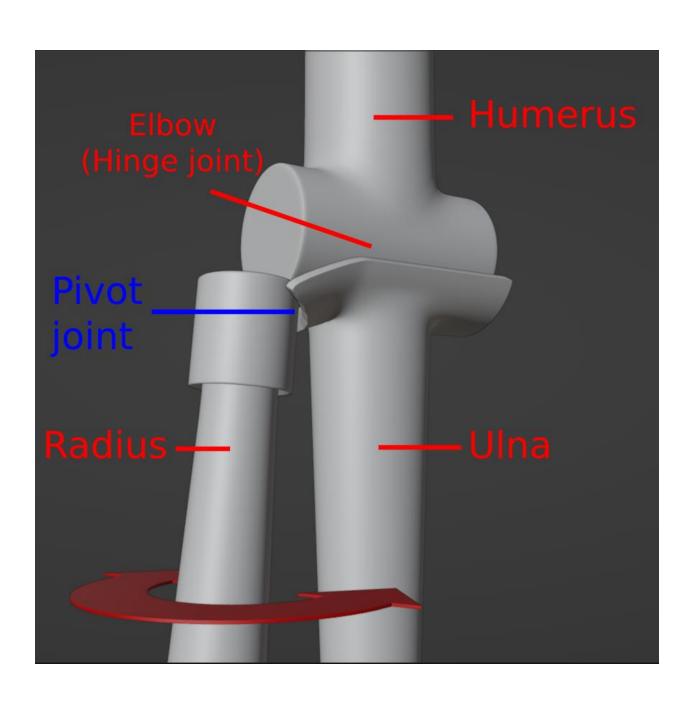


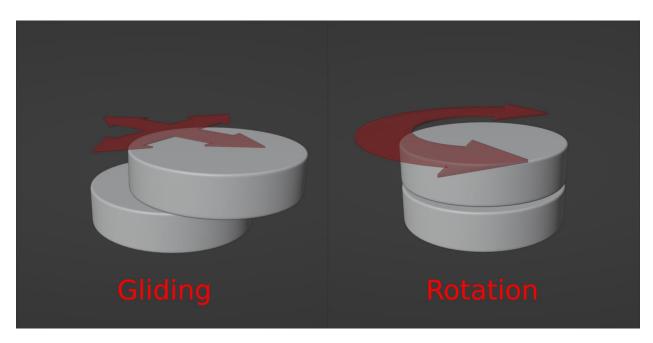


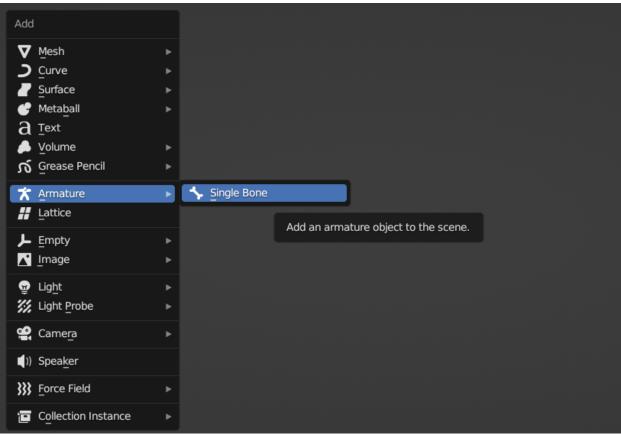


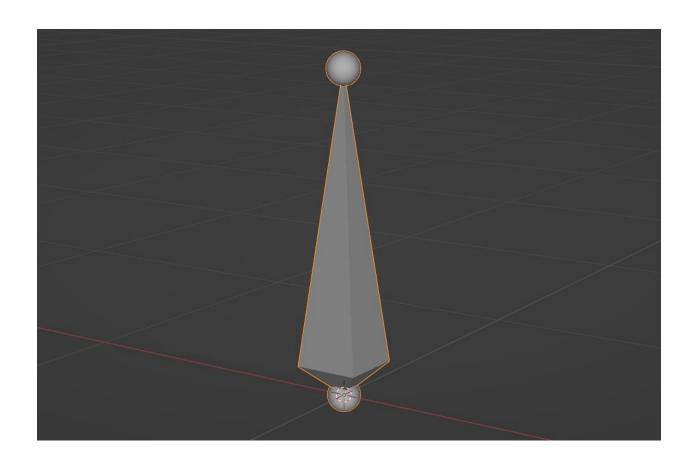


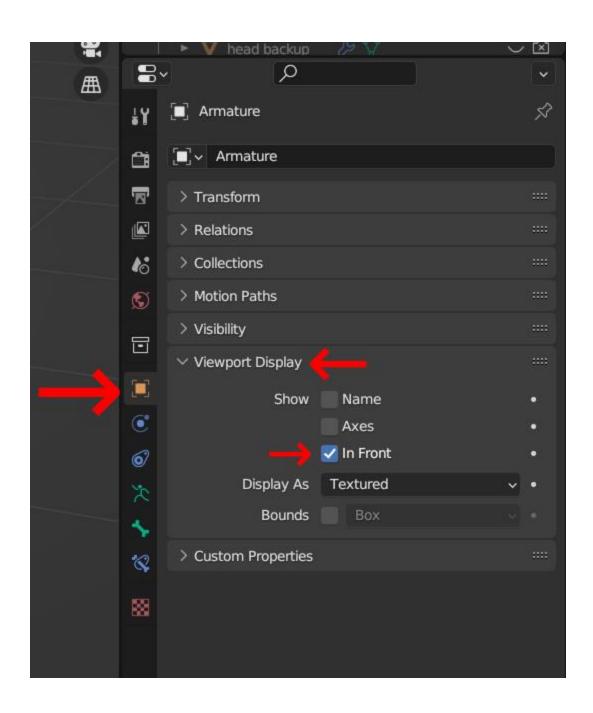


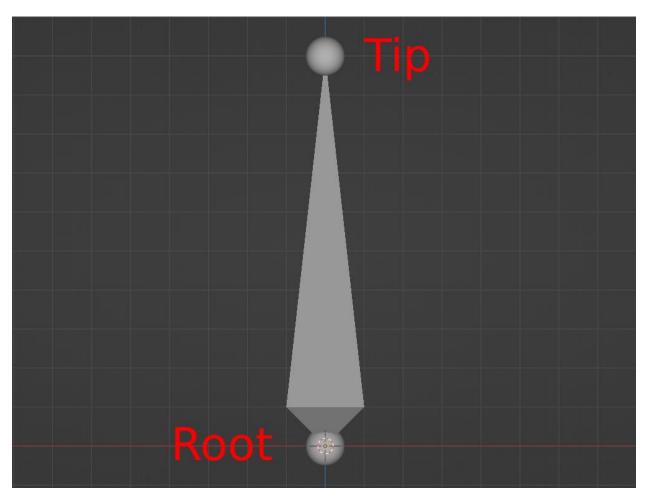




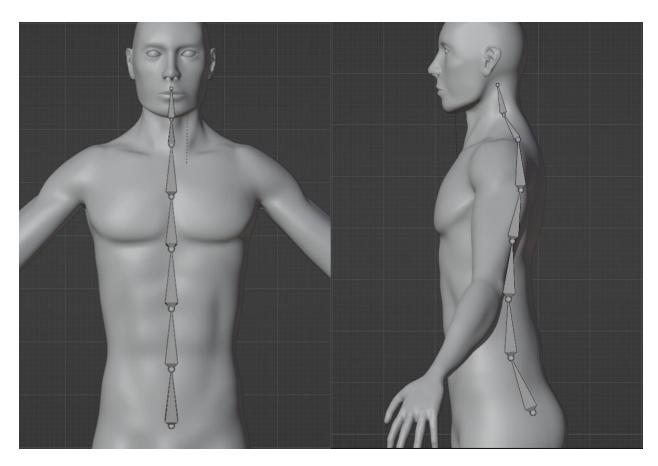


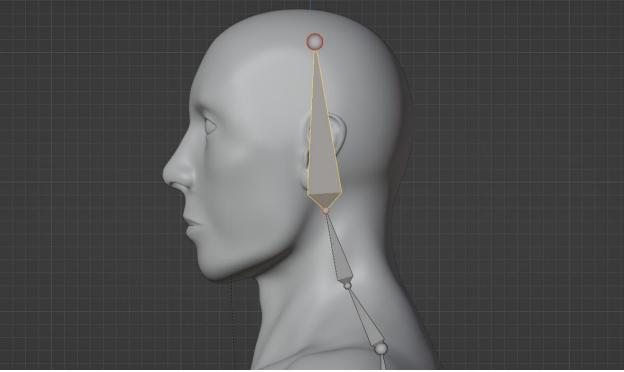


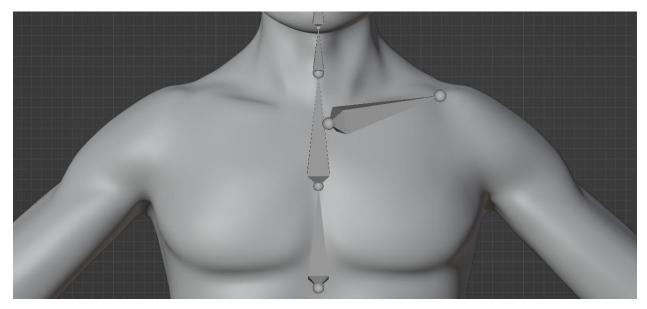


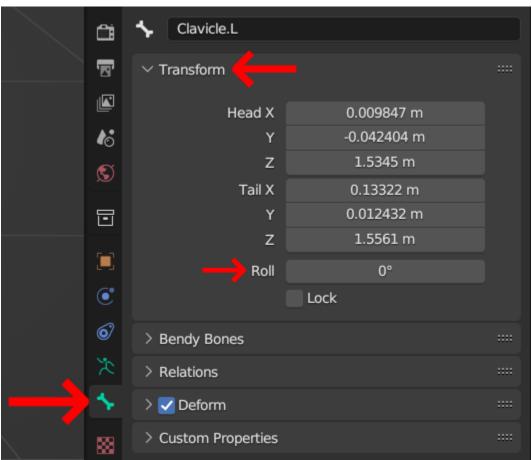


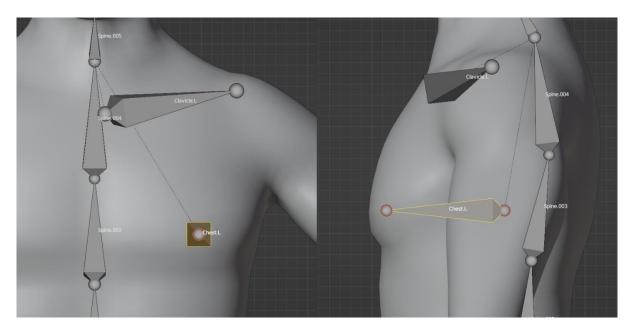


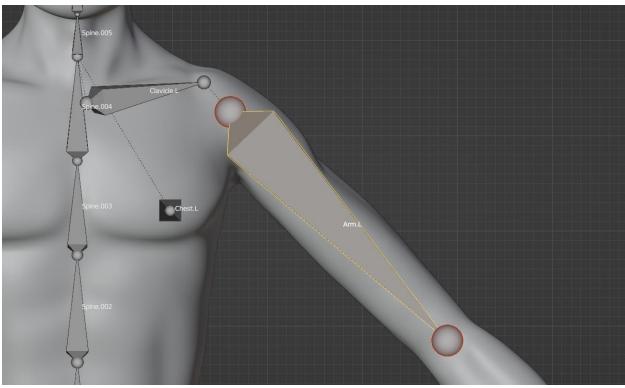


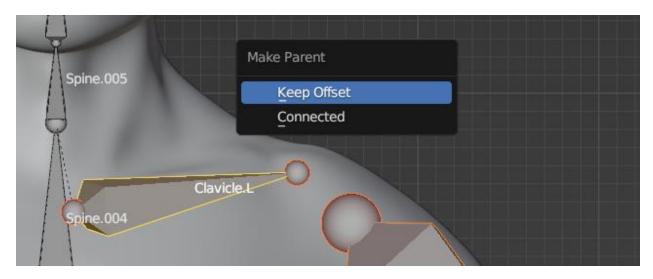


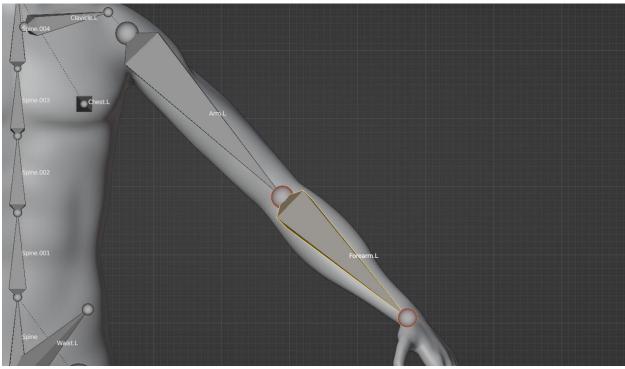


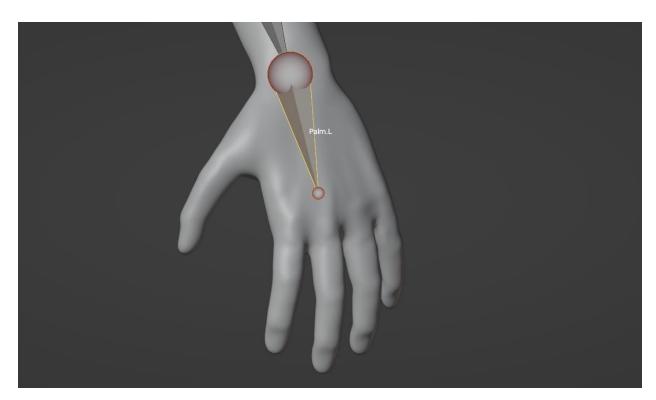


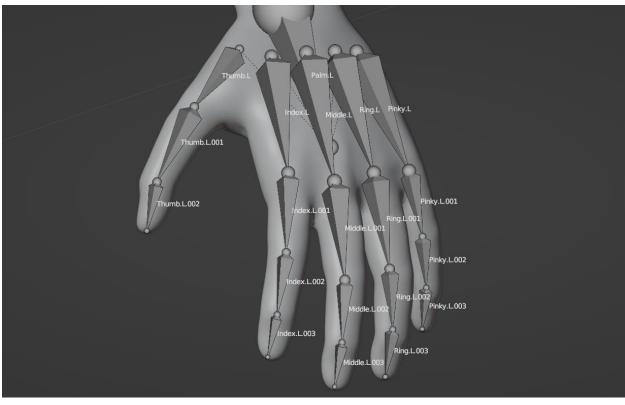


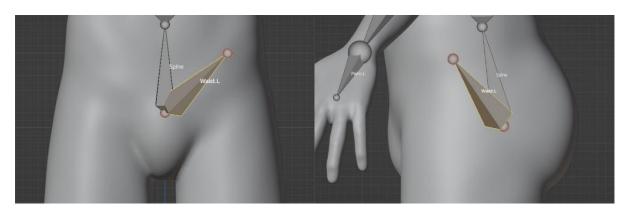


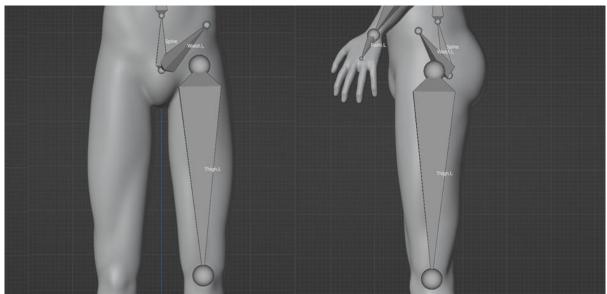


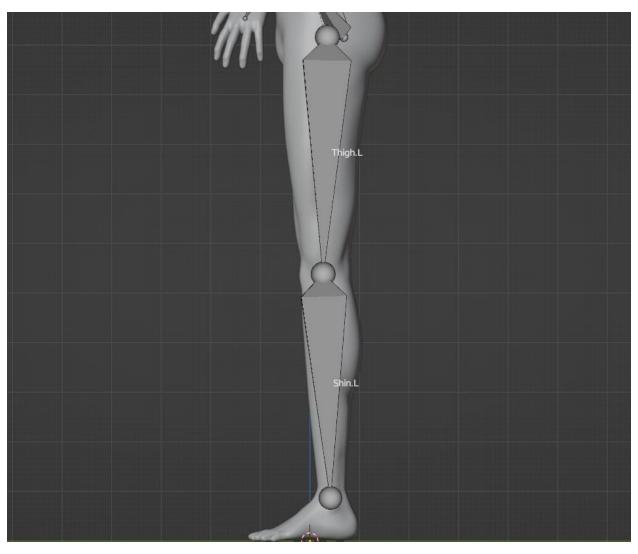


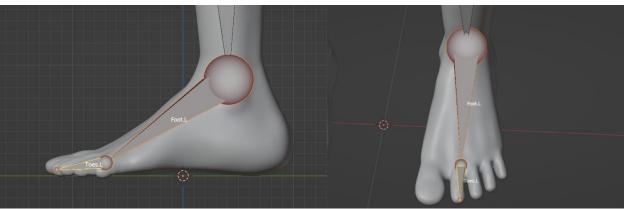


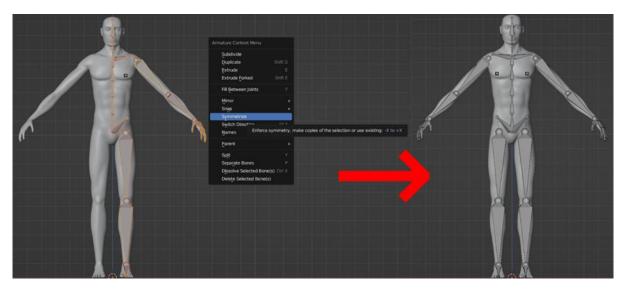


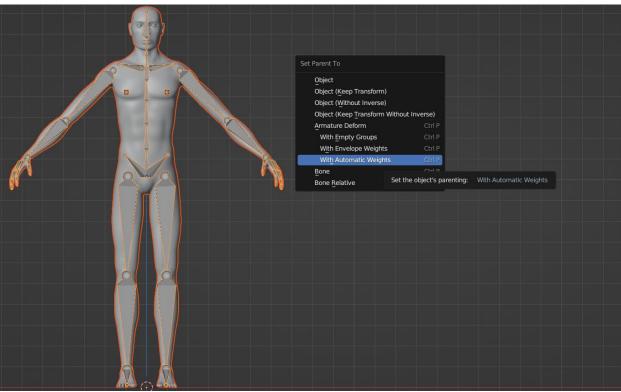


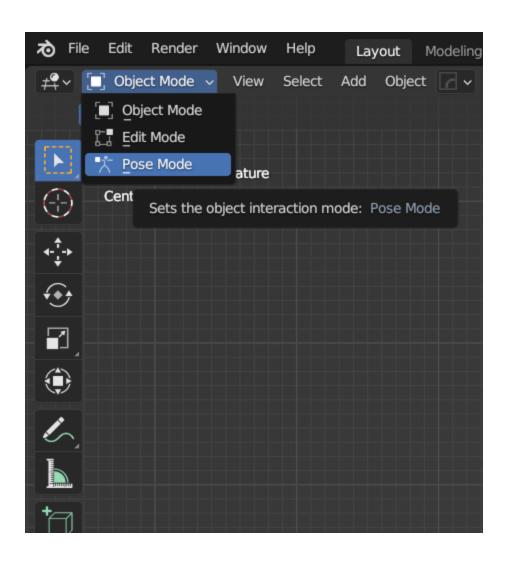


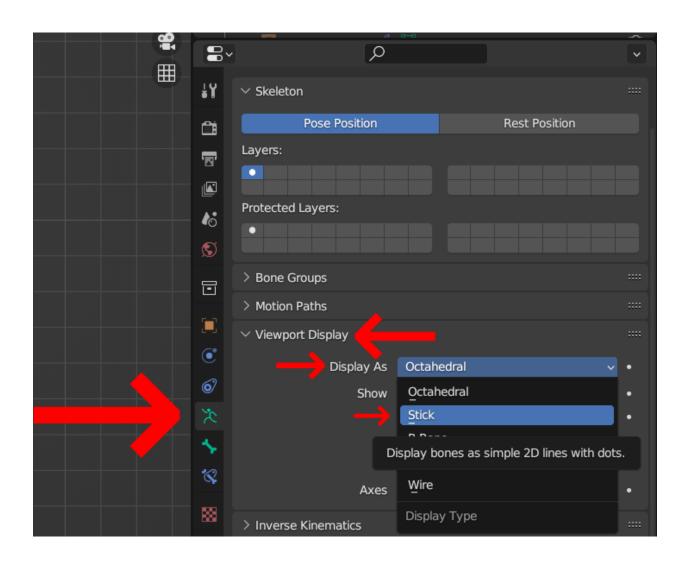


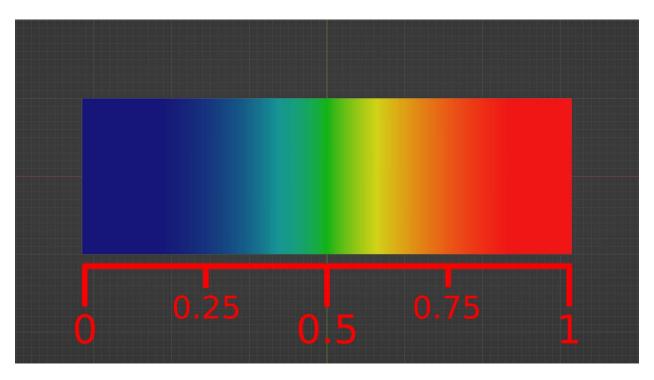


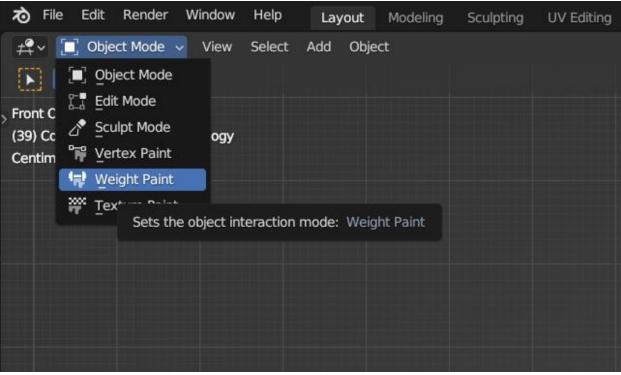


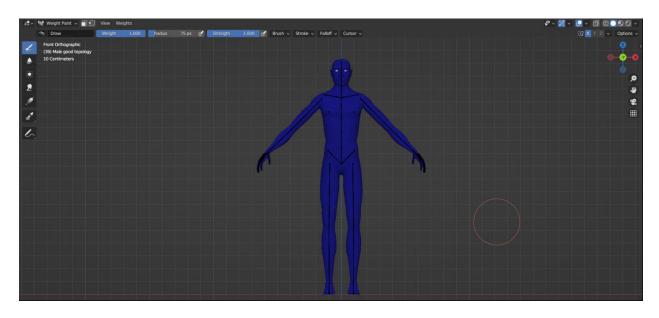




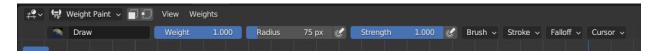


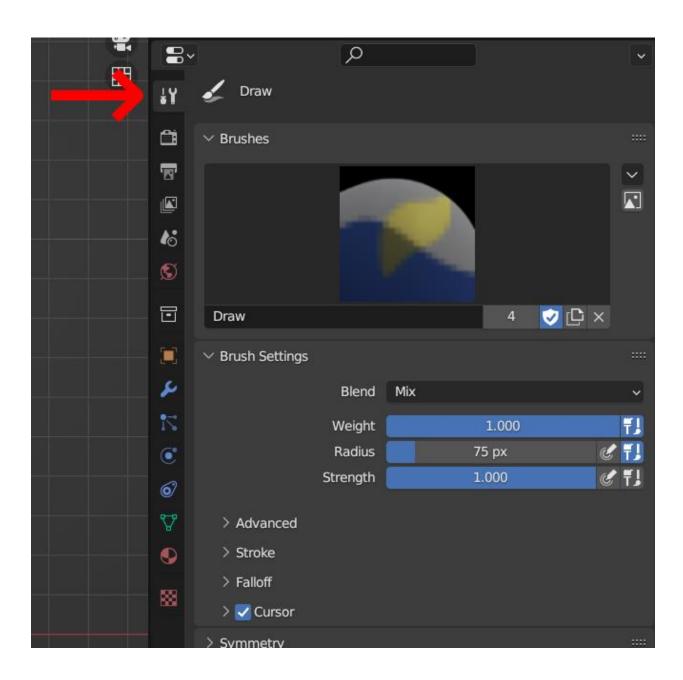


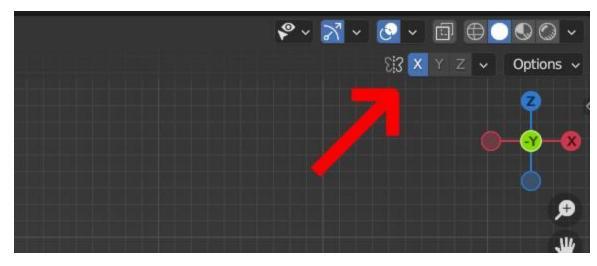


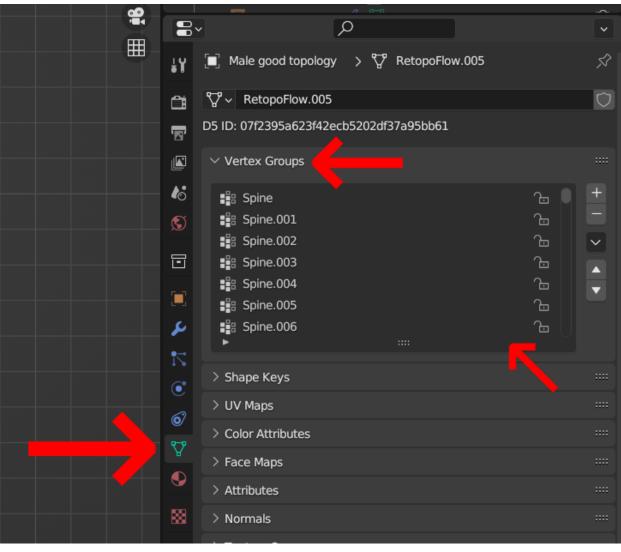


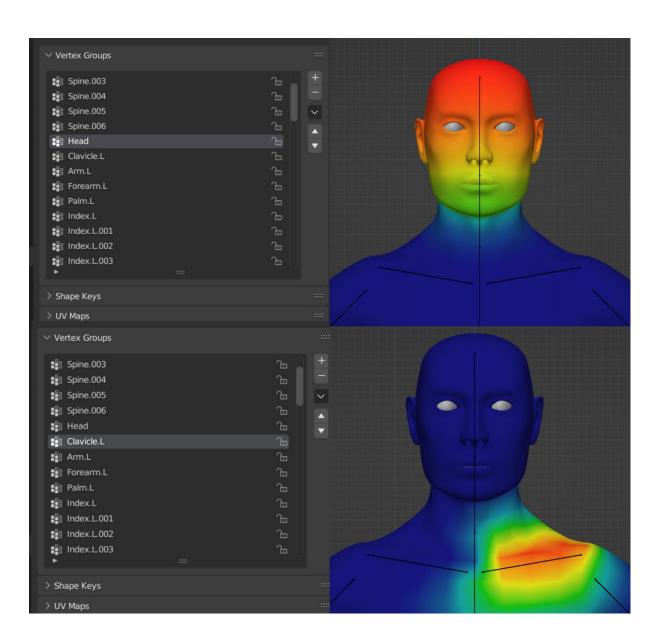


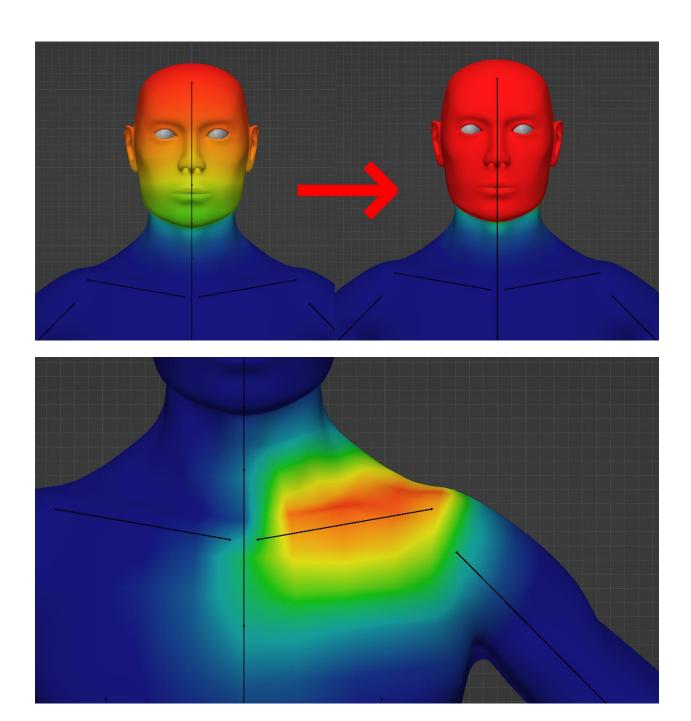


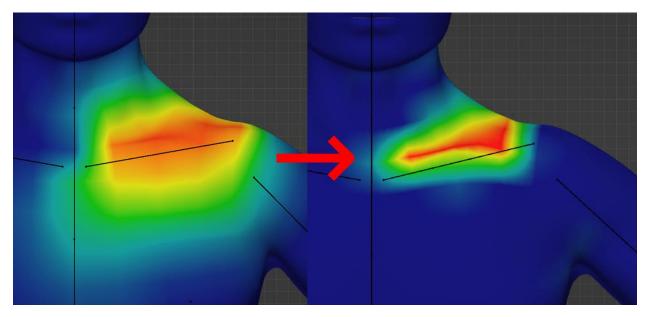


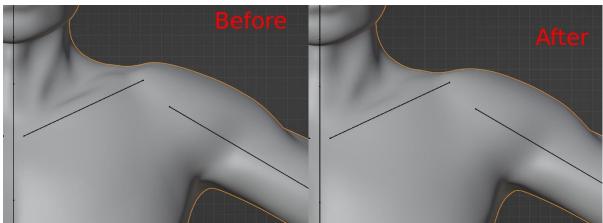


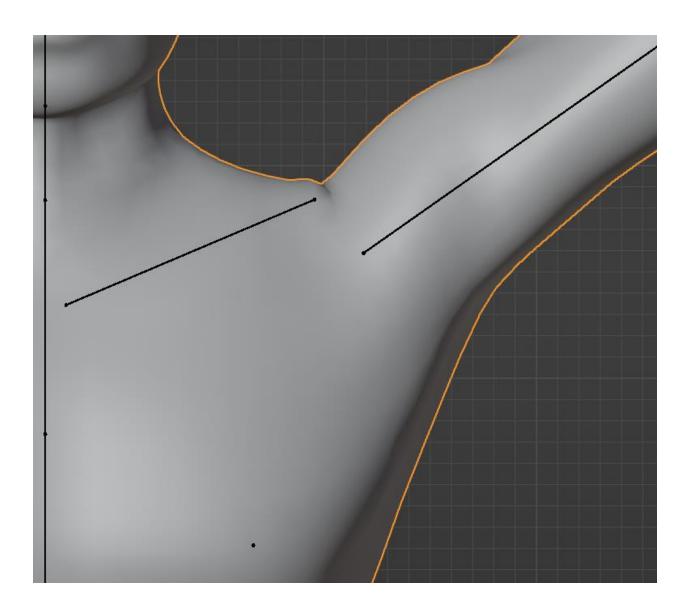


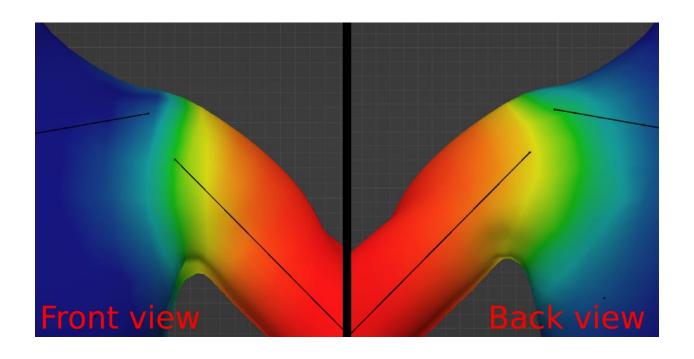


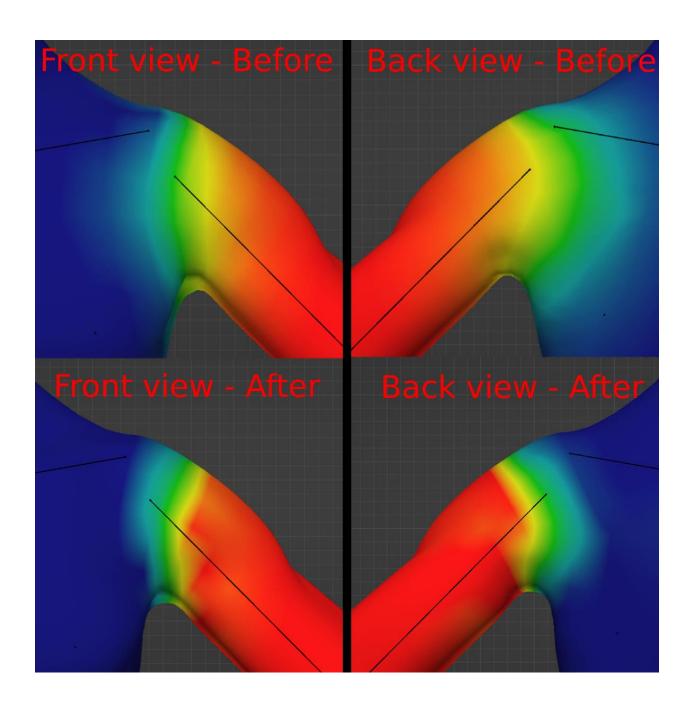


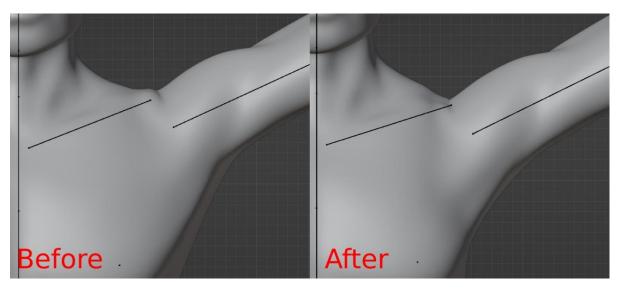


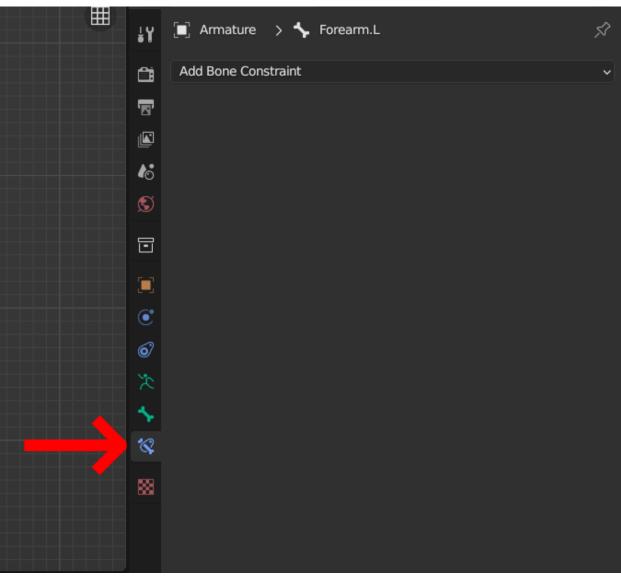


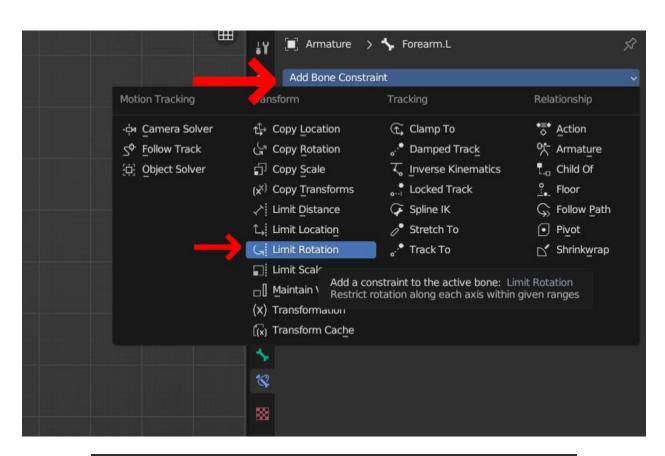


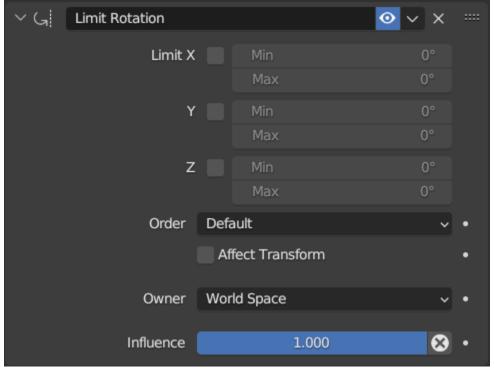


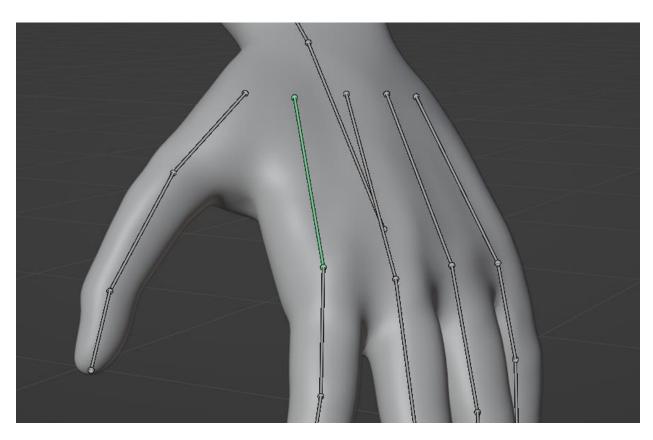


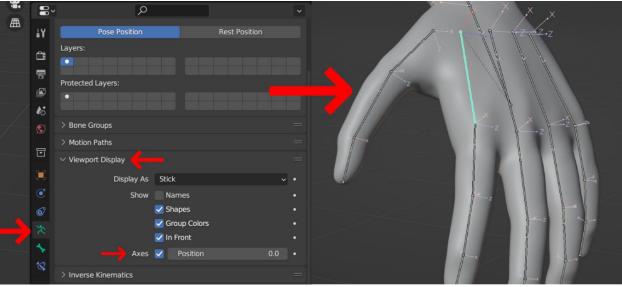


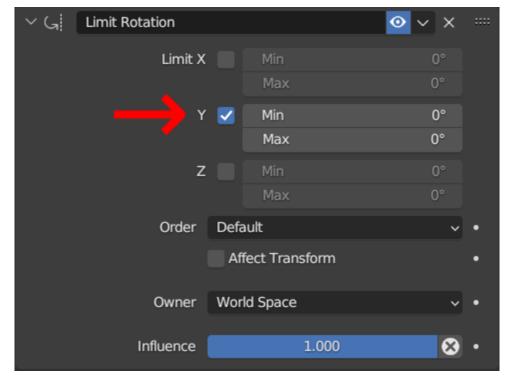


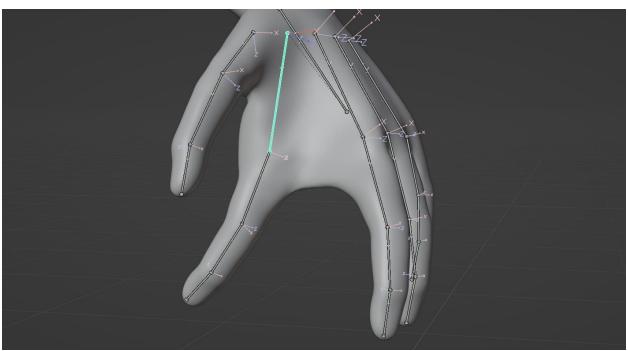


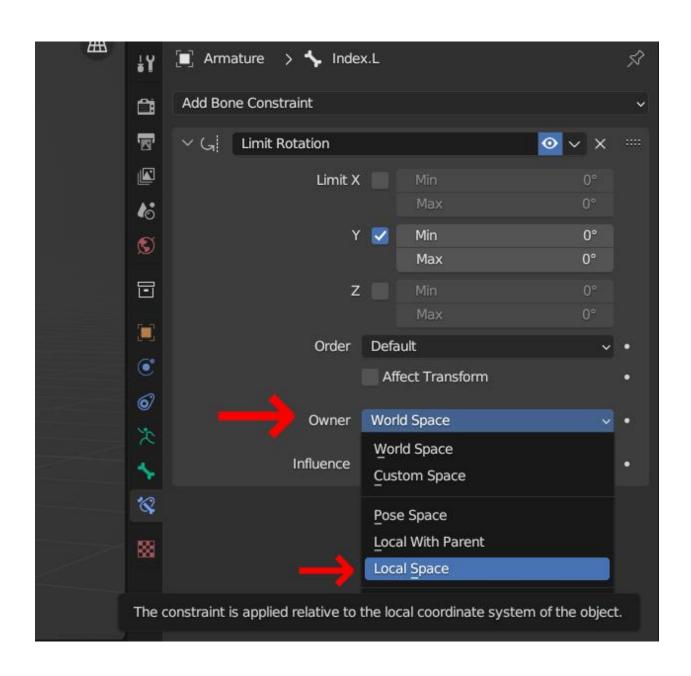


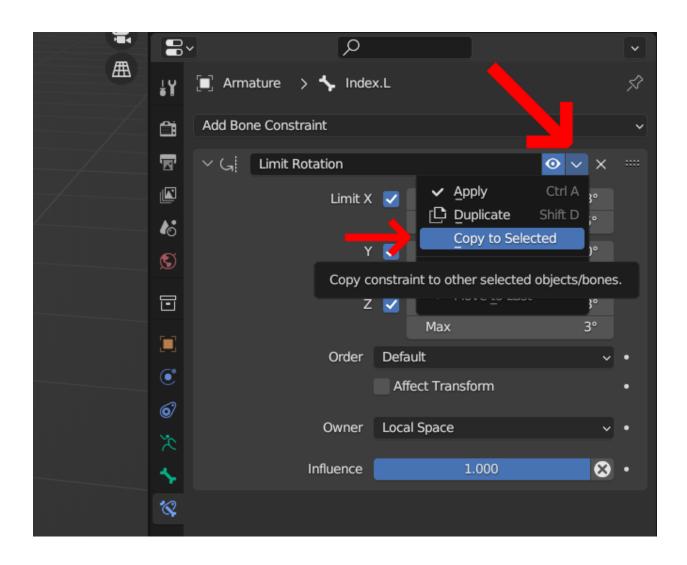


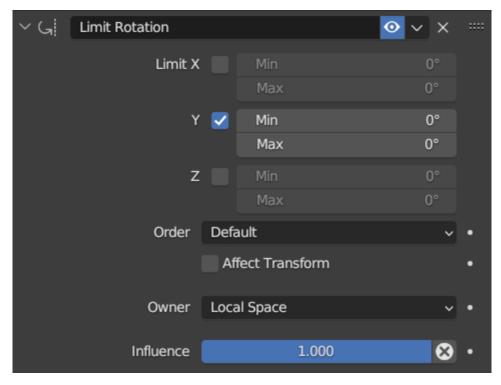


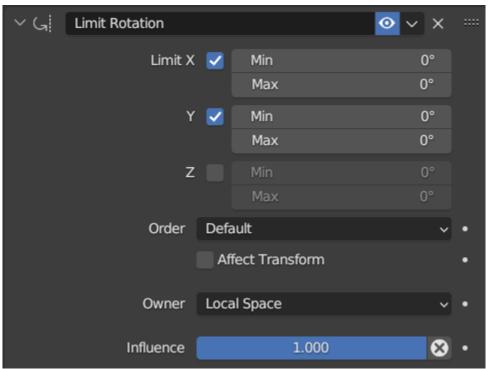


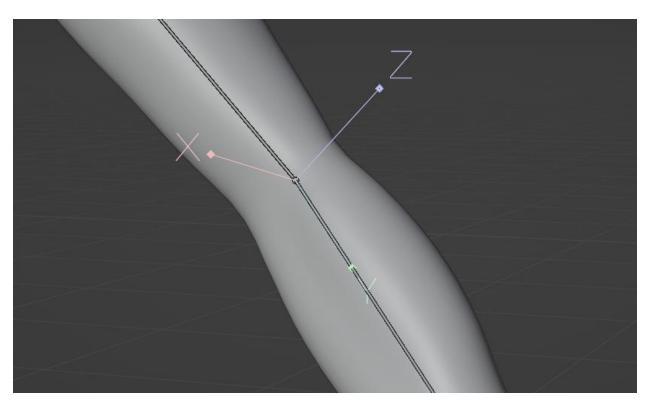


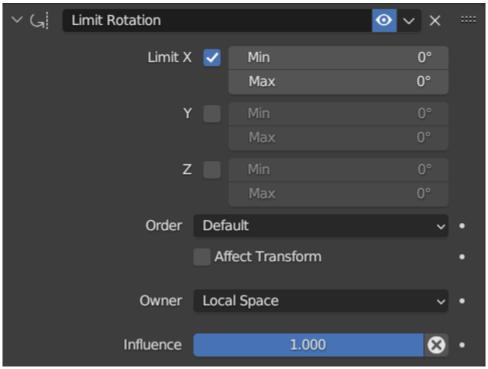


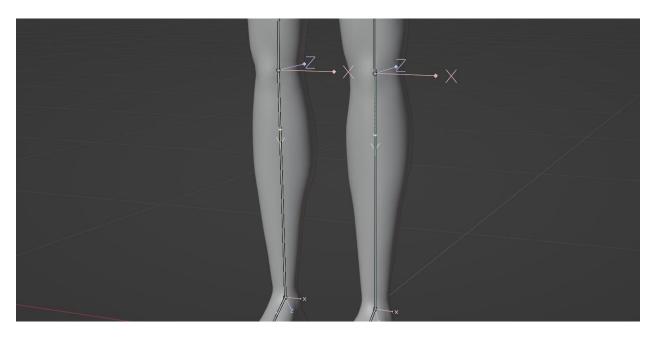


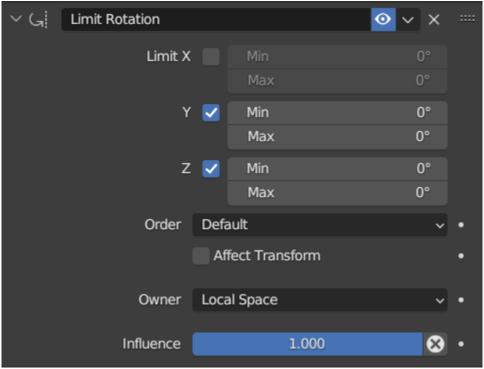


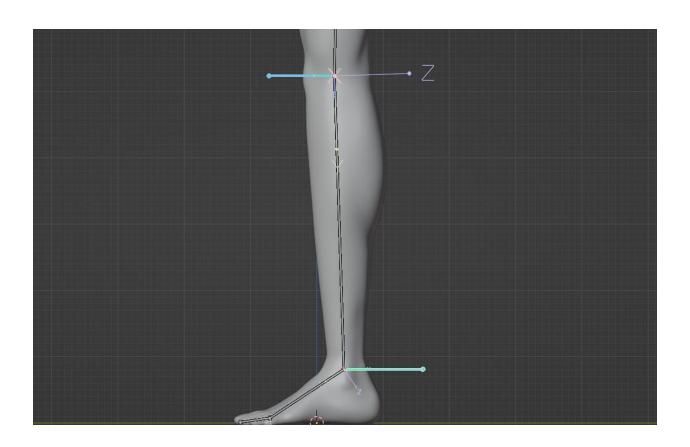


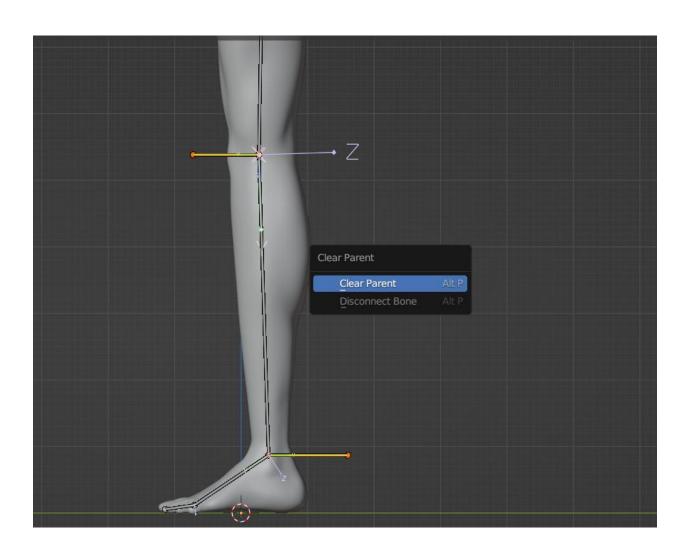


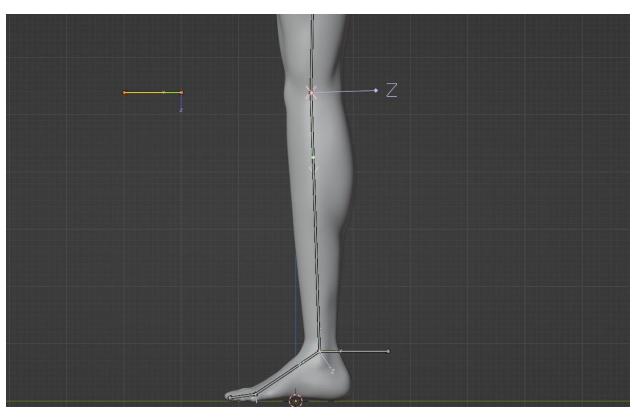


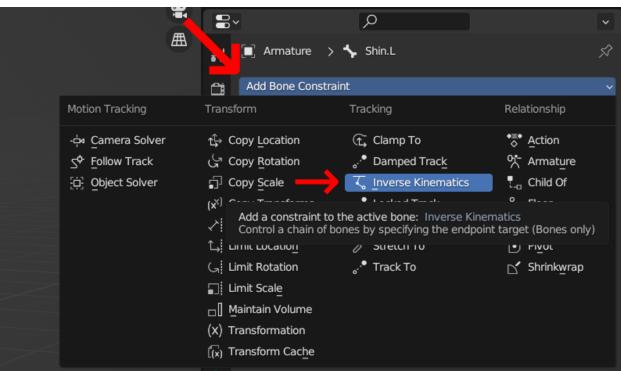


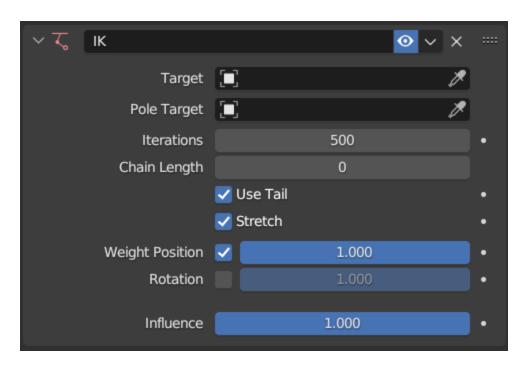


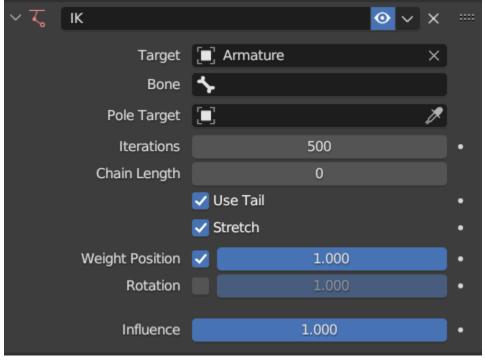


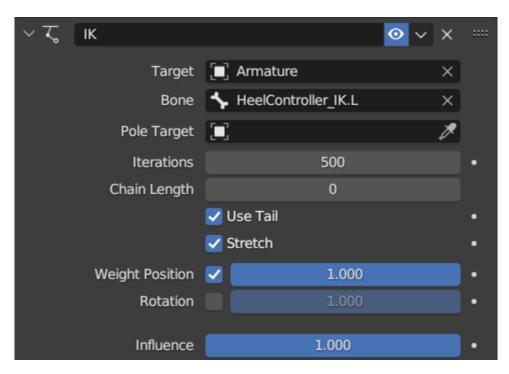


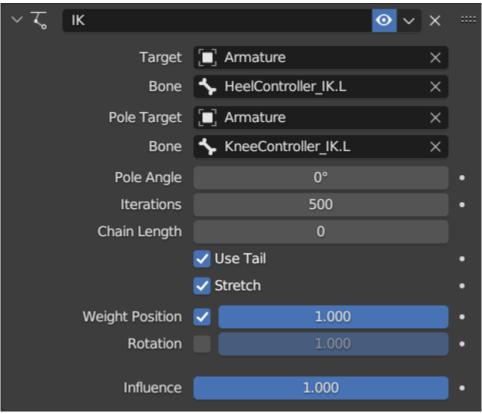


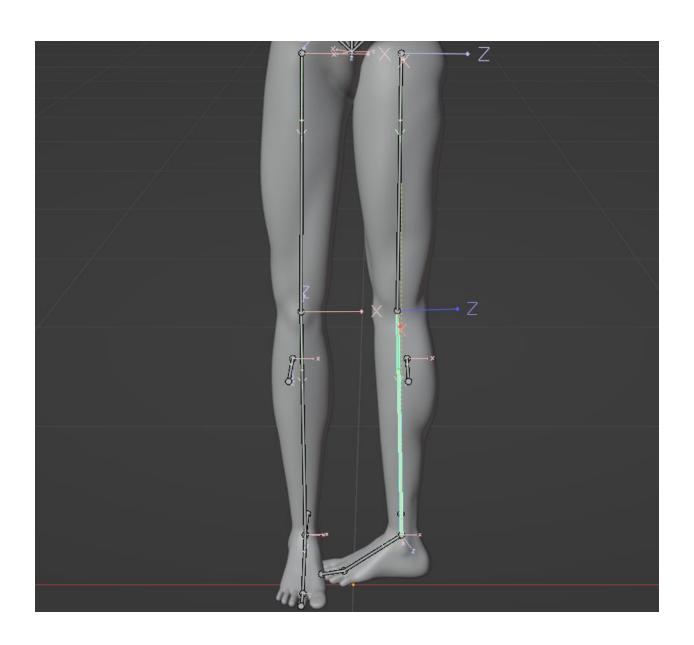


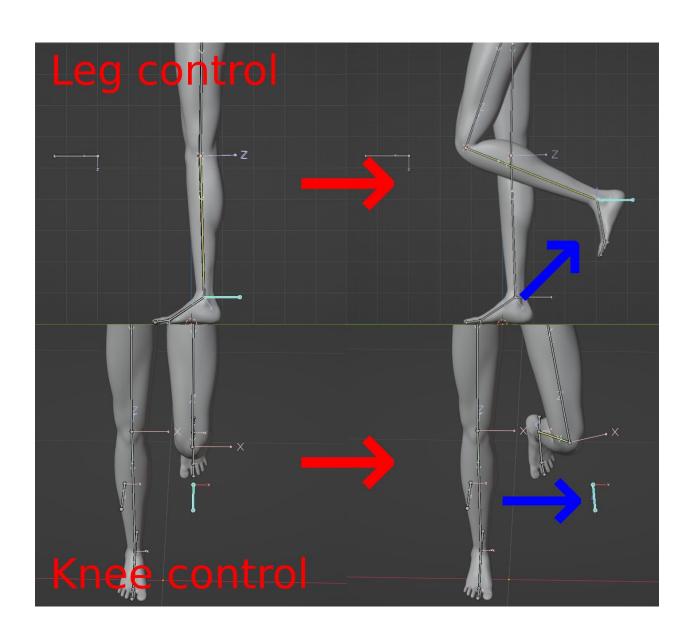


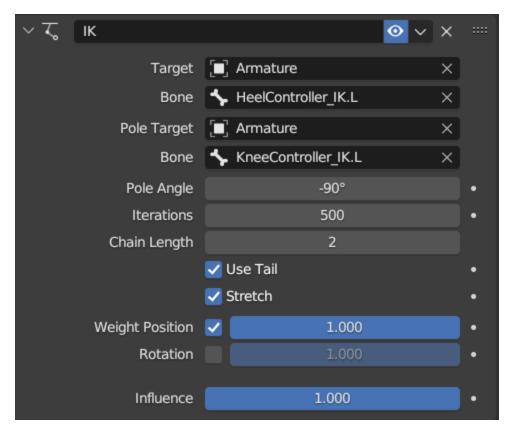


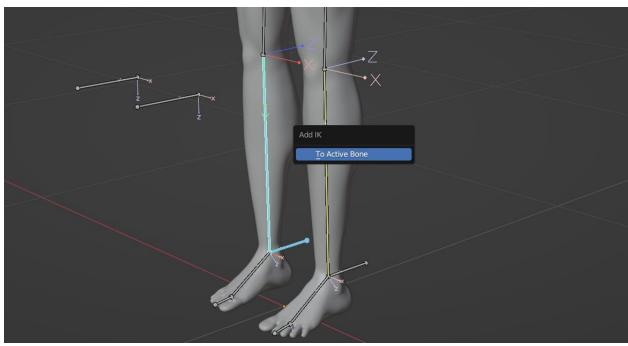


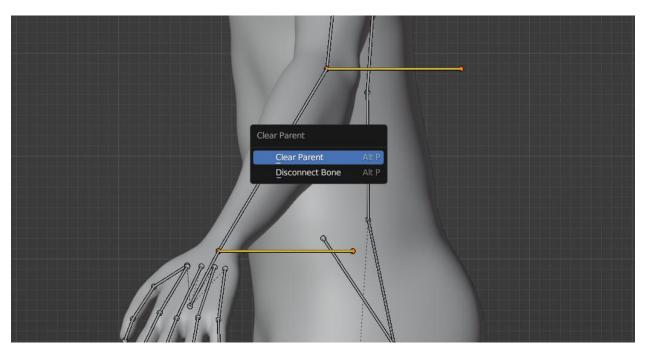


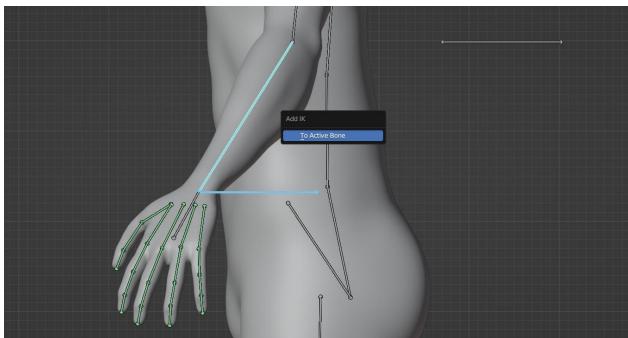


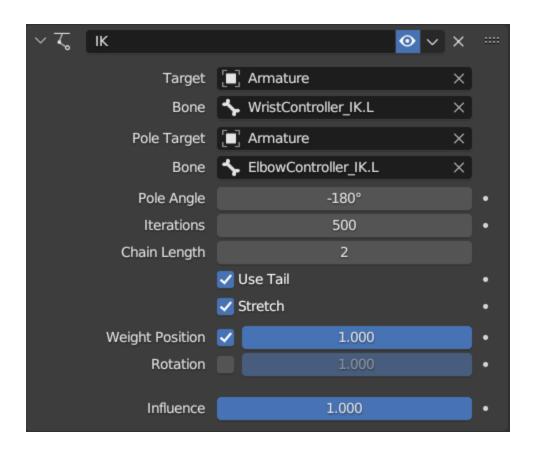


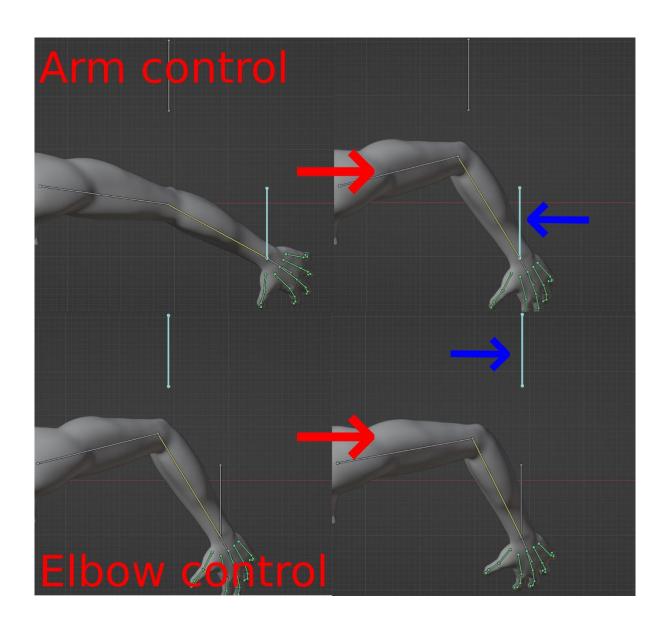


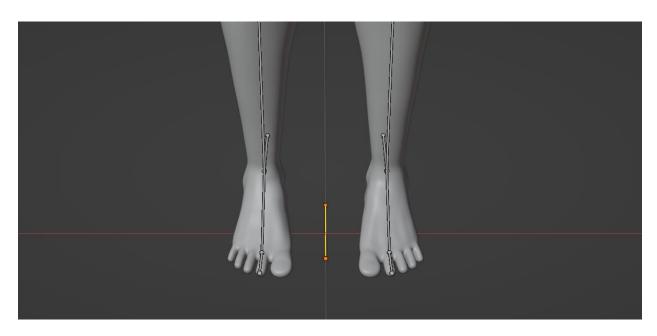


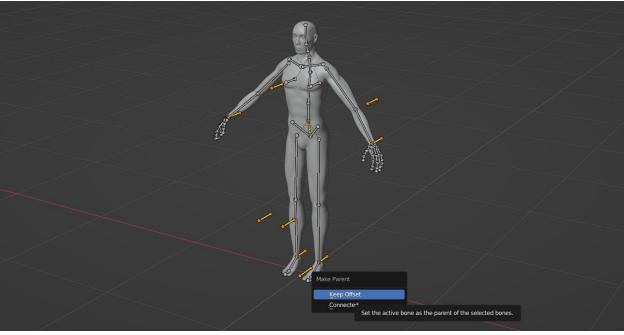


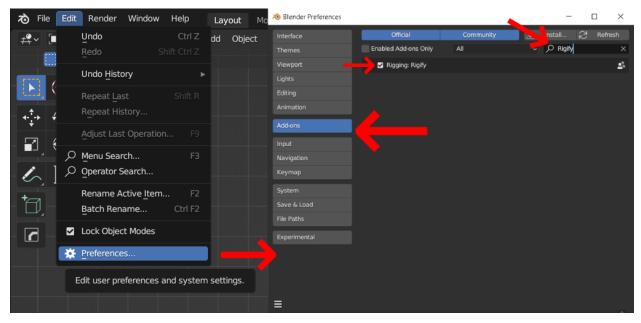


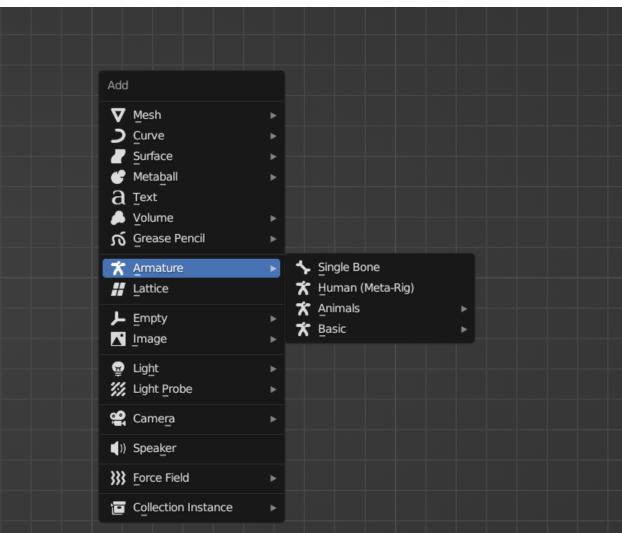


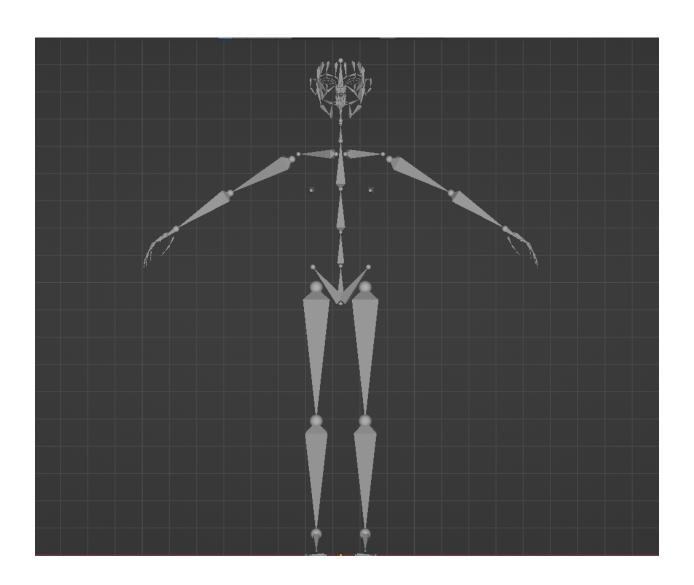


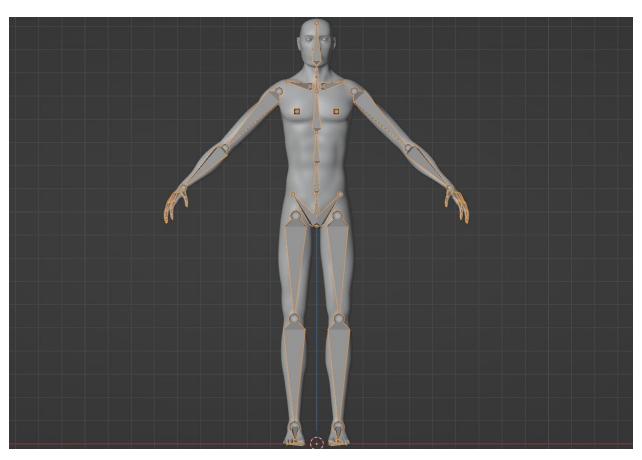


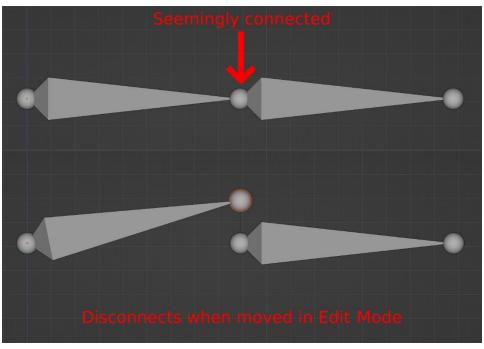


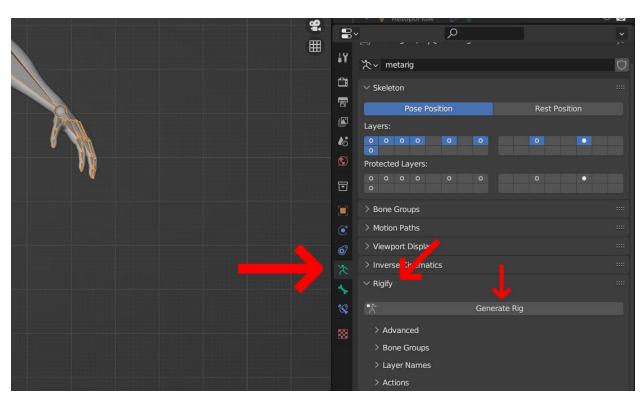


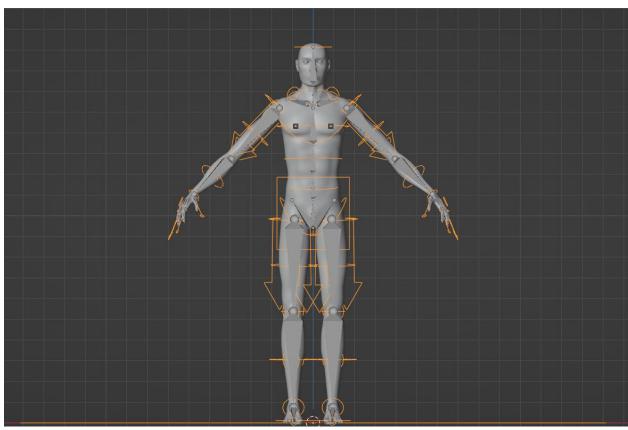


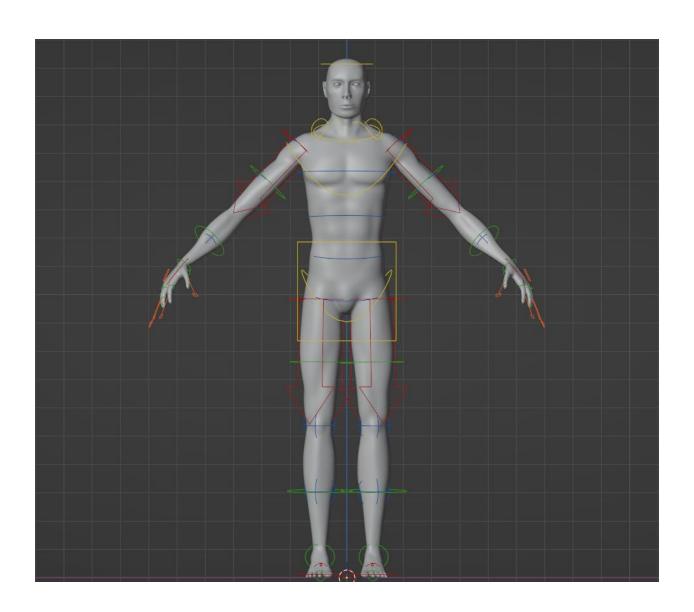


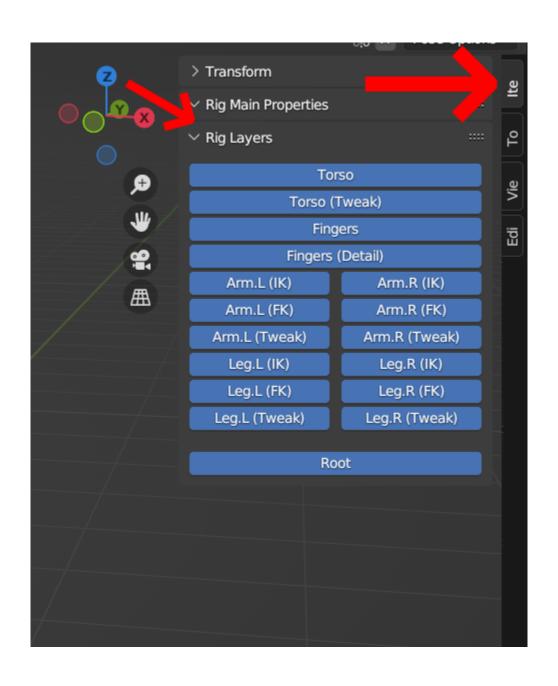


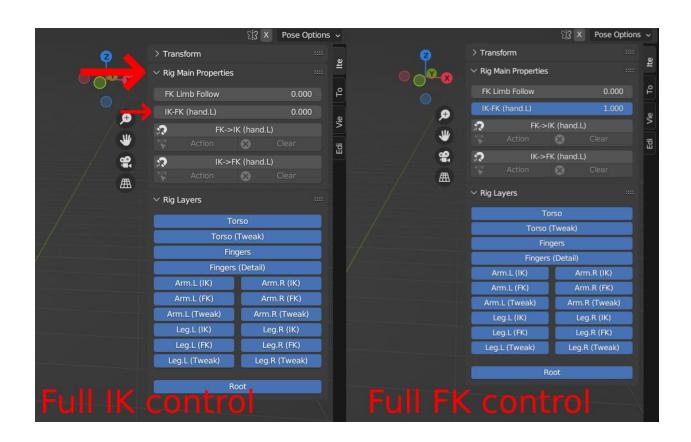












Chapter 11: Further Development as a 3D Artist

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