



Research

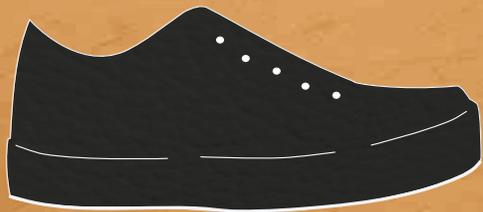
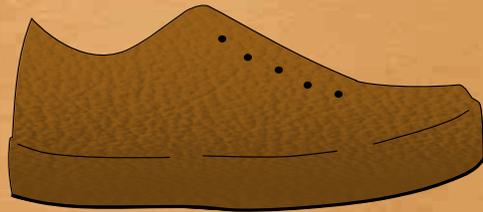
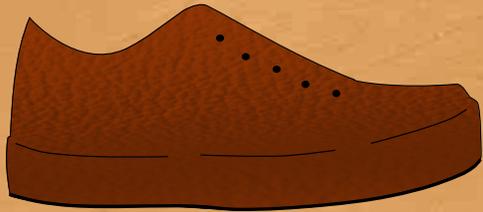
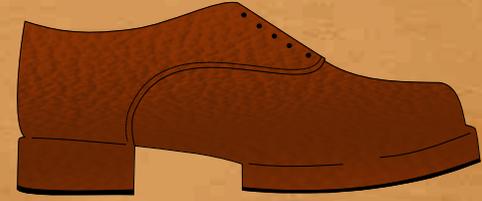
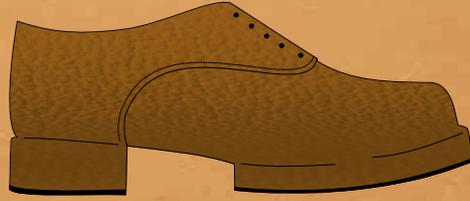
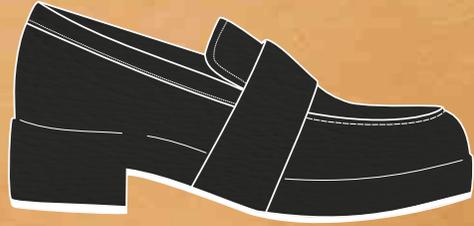
The trend towards excessive use of plastic materials in the fashion industry has led to countless environmental challenges. Especially the footwear industry is heavily relying on the use of plastics in the form of cheap faux leathers, and synthetic sole materials. Unfortunately these materials are non-biodegradable, contributing to the growing problem of plastic pollution in landfills and oceans. As a result companies have been exploring new sustainable technologies and materials to combat this problem while maintaining the production of cheap Fast Fashion.

While shoes made entirely of leather can address these environmental issues, they are often inaccessible to most consumers due to their high cost. However, combining premium leather with a minimal amount of plastic can result in durable, easily repairable, and high-quality footwear while keeping costs low.

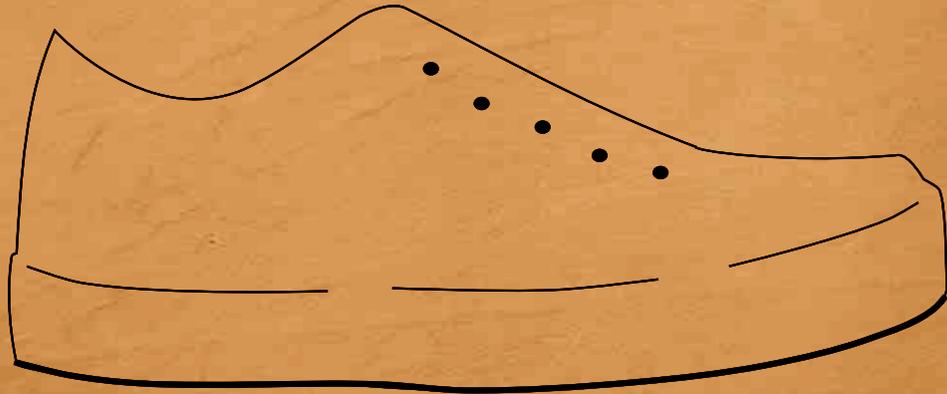
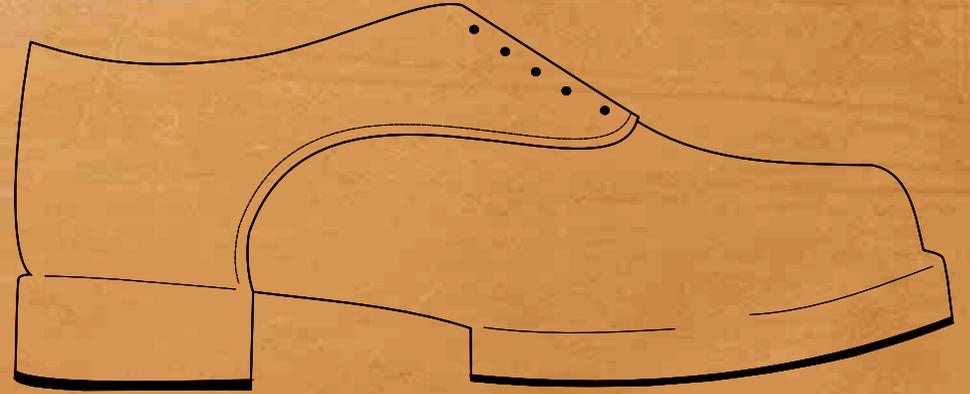
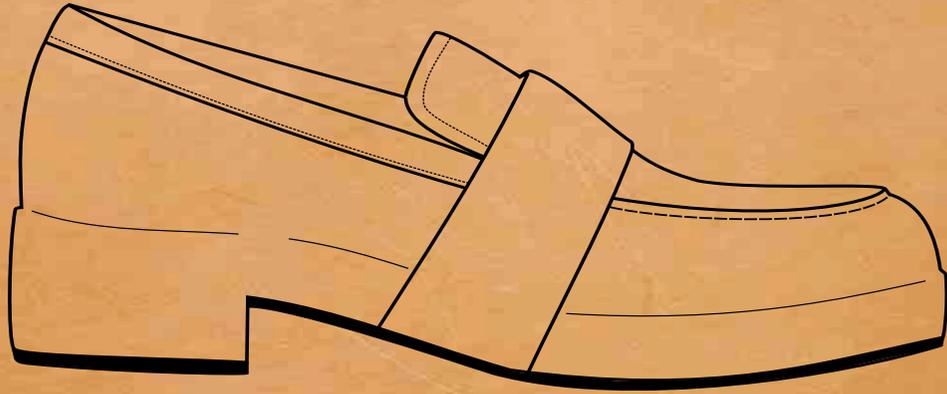


Inspiration: Modern & simple silhouettes that highlight Leather Upper





Line -Up



Prototype 1: Oxfords in Black Aniline Boxcalf



Experiment Prototype 2: Derbies in Bovine Crackle Leather



Technical Details: Aniline Boxcalf Oxford

Instructions

① Footbed:

Cut a piece of 8oz Veg Tan Leather (A) in the shape of the insole

Add the Shank (B) to the Insole (A) and attach a Leather Cover on top of the Shank

Cement a 1mm EVA Midsole (C) and a 2,5 mm EVA Heel (D) to the Insole, it should cover the Shank (B)

The Heel is additionally to be secured with nails

The Midsole is also McKay Stitched to the Insole for further stability



② **Uppers:** Cut and Sew the Uppers and reinforce eyelets and weak spots. Assemble with Leather Lining and start Lasting. During Lasting add Leather Toe Puff (a) and Heel Counter (b). After Determining the Uppers position, make an incision where Upper and the Waist of shoe meet. The Upper's Leather should cover the Shank Area. When lasting is completed add 2mm Rubber Midsole ③ and 6mm Rubber Heel ④ and fix with decorative nails



Patina
over
Plastic