



2019 Middle School Technical Design Problem

Skinny Wallet Challenge

A recent survey of male and female young adults found that they like the idea of having a wallet to store cash and cards, but they want it to be thin and light, and not thick or heavy. They also want the wallet to be water resistant.

A well-known accessory manufacturer has taken note of that survey and wants to produce a new line of skinny wallets for young men and young women. Your challenge is to create a new, attractive, and water resistant skinny wallet for young adult female or male customers.

Prepare a portfolio that includes each step of the technical design process loop. You do not have to build a model of the skinny wallet, but its design and use must be explained through text and hand-drawn sketches, as explained in Regulations on pages 282-283 of the Middle School Competitive Events Guide for 2018-2019.

The portfolio must be received at the NJ TSA office (or postmarked) by 5 pm on March 5, 2019.