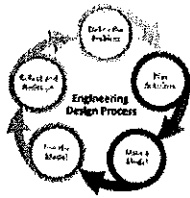


Lesson Plan on Engineering Duct Tape Wallets

Engineering Mission: Design and make a wallet using duct tape. The wallet must be able to hold dollar bills and have at least two pockets.



Engineering Design:

stem. engineering - design - web site: www.sciencebuddies.org

Week 1: Design a prototype wallet using 1 inch graph paper. Students will have available real paper money, rulers, 2 different colors construction paper, scissors and scotch tape.

- * Kids will then use construction paper and tape to make a prototype Wallet.
- * Kids will record exact measurements needed in duct tape to make wallets.
- * Make Design changes to their design on a new 1 inch graph paper.

Week 2: Construct wallets: Materials needed: 2 color rolls of duct tape, exacta knife, cutting board, ruler.

Using their graph: they make pieces of their duct tape wallets and assemble it.

**** Giving the kids \$15 to spend on materials: Having the duct tape costing 10 cents an inch made this project even more adventurous.

There are many excellent sites to watch in helping kids to learn how to make a duct tape wallets.

You tube sites: Tutorial Duct Tape Slick Wallets

How to Make Duct Tape Women's Wallet

DIY Duct Tape Wallet (Bifold with Pockets)

Pintest has many ideas on Duct tape projects.

