

You go to the hardware store to search for supplies. These are the items you see.



Images found on Google

Supplies available

Lumber (Large popsicle sticks)\$5

Lumber (small popsicle stick \$4

Lumber (toothpick) \$2

Rope (Weakest) \$1 for 30cm

Rope (Medium strength) \$2 for 30cm

Cable (Strongest) \$3 for 30com

Duct tape (medium strength) \$1 for 30cms

Rubber tubing (Weak but flexible and stretchy) \$2

Supplies found in the forest

-tree branches of different sciences(pencil, markers)

Pinching our Pennies

You and your friend need to combine your allowance to see how much you can spend.

- Roll a dice twice
- Multiply your numbers together
- This is the amount of allowance you have to spend



Challenge

Challenge:

Test the depth of the hole to see how deep it is

Create a contraption that can SAFELY get you into the cave and out without injury

You need to get from the top of a table to the floor

Extras

- Groups need to create a plan on a whiteboard
- Groups need to make a shopping list with a total price value for their project
- They then need to visit a teacher to buy the items
- If more items are need you can buy them as you build as long as you have money left
- If you run out of money you need to visit Mr. Baker for a loan