

Tube Tunnels

Work with your team to get the ball from the top to the bottom of your Tube Tunnel! Your ball must land in the catch cup at the end of your Tube Tunnel.

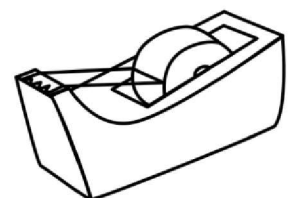
Team Materials:

- 10 paper tubes, cut into various sizes
- 1 ball (marble, small bouncy ball, etc.)
- 1 small cup (paper or plastic)
- Tape (washi, masking, etc.)
- Flat vertical surface (board, cabinet, cardboard, etc.)



Requirements:

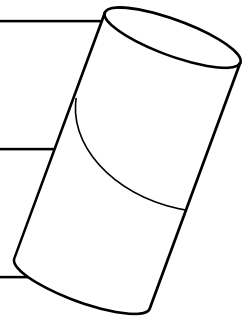
- All team members must participate in the building of the Tube Tunnel.
- You must use all 10 paper tubes.
- Your paper tubes can NOT touch each other.
- Your ball must land in the "catch cup" at the bottom.



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My Name: _____

My Team Members: _____



Use words, pictures, and numbers to create a plan for your Tube Tunnel. You need to use all 10 tubes to get your ball from the beginning to the end of your Tube Tunnel. Remember, your tubes can't touch each other! There must be space between each tube. Don't forget to add the catch cup at the bottom.

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Now, follow your plan to build your Tube Tunnel. Test your Tube Tunnel by placing the ball at the start and seeing if you can get it all the way to the catch cup at the bottom. Record your results below.

Test Number	Results	Changes Made

Reflection: What worked well with your Tube Tunnel? What changes did you have to make to create a tunnel that worked? Think about what you learned: _____

