



Pizza Box Maze



Explore

Objects can be moved in a variety of ways such as straight, zigzag, circular and back and forth. Explore these while you build a maze!

- 1 Using scissors, cut the top of the pizza box off and create cardboard strips about 1 inch thick. Then draw a rough draft of a maze design. Once the draft is completed, begin to construct your design. Using a marker write "Start" and "Finish" at either end of the bottom of the box.
- 2 Using tape, attach the cardboard strips to the box and allow some of the cardboard strips to connect and leave some separate. *[Be sure the paths are wide enough for your ball to travel through.]* Be creative and create a maze that causes the ball to move straight, zigzag, or back and forth.
- 3 Test your design! Take your ball and place it at the "Start" of the maze and tilt your box to allow the ball to move through the maze to the "Finish" mark. Remember to discuss how the ball is moving through the maze.

Materials

Pizza Box
Washable Marker
Masking Tape
Ping Pong Ball

Discuss

Ask these questions during the activity:

In your own words, can you explain what made the marble move?

What do you think would happen if we put the sandpaper in the box? Why?

As your child observes the movement of the marble, ask why they think the marble is moving that direction.

Think

Try looking for the different ways that objects can be moved around the house or while your child is playing. Talk about how objects can be moved in different ways (straight, zigzag, back and forth and circular). Using these words will help build your child's vocabulary.

Make a game out of it! Get a ball and sit on the floor opposite of each other. Try and move the ball in all of these ways. Can you get the ball to move in two or more of these ways as you play the game? Who can get the ball to move using all of these types of motion first?

