

Materials

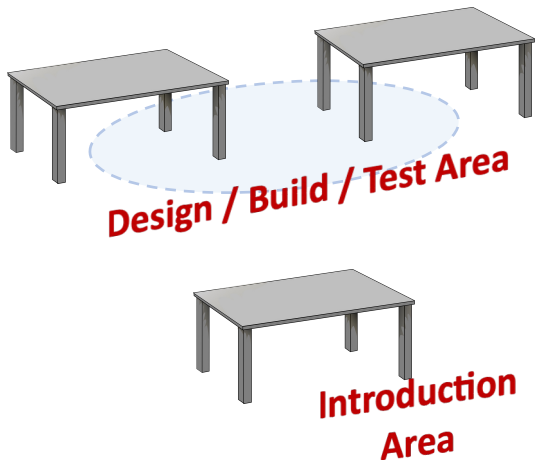
- ✓ Pizza Boxes
- ✓ Cardboard Strips
- ✓ Scissors
- ✓ Tape
- ✓ Ping Pong Balls

Tip: Place recycling and garbage bins near the work area to manage scraps of cardboard and tape.



Pizza Box Motion Maze

Families work together to **design, build, and test** a maze that provides hands-on experience using **motion** to **change the position of objects**.



Room Layout

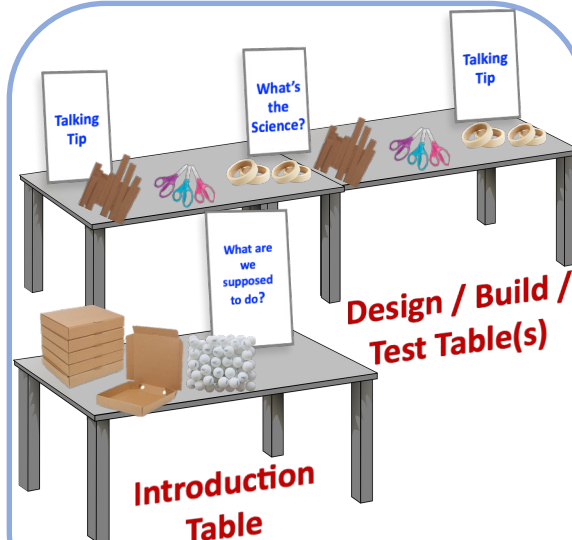


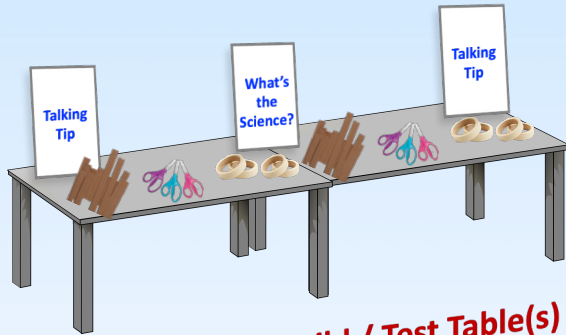
Table Setup



Signage

3

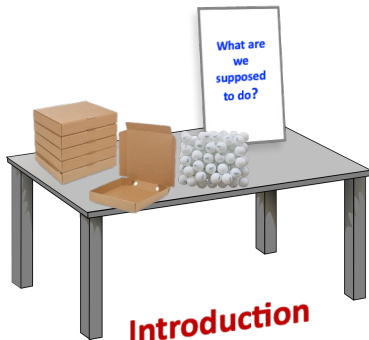
After maze is complete,
families test their designs.



Design / Build / Test Table(s)

2

Families use materials and
Event Guide to design & build.



**Introduction
Table**

1

Families are provided
with details and materials
for the challenge.

1

Introduction Table

Provide activity directions to families, either through a facilitator or a table top sign.

Provide **one pizza box** and **ping pong ball per family** for designing and building their maze.

Direct families to use the **Event Guide** to facilitate engagement.

2

Design/Build Table(s)

Place “**Talking Tips**” and “**What’s the Science?**” signs on design/build/test table(s) to encourage conversation among children and adults while they design and build their maze.

3

Testing

After completing mazes, families should take time to test and discuss. Facilitator(s) should circulate among families, encouraging them to use the **Discuss** and **Think** sections of the **Event Guide** for the specific activity.