



## A-MAZE-ING MAZES

*A maze is a path (or a collection of paths) with a starting point to a goal. Create a maze using objects you have around your home. Challenge your family and friends to a maze race.*

### **This week's activities: 3D Maze – Paper Maze - Lego Marble Maze**

#### **Suggested materials:**

- LEGO or building blocks
- Marbles or beads, small pom-poms, crumpled foil or any other object that can act as a small marble-like ball
- Straws, small paper tubes or wooden sticks
- Cardboard or paper plate
- Glue, tape
- Pencil, paper and ruler

### **3D Maze**

1. Cut your straws, paper tubes, wooden sticks or whatever you are using to form the walls of the maze into smaller pieces.
2. Decide where your maze will start and end.
3. Glue or tape your straws, etc. to a paper plate or cardboard to create your 3D-walled maze.
4. When your glue dries, add your ball and slowly tip the base of your marble maze to move the ball through to the end.

### **Paper Maze**

1. Using a piece of paper and a pencil, make a maze. Decide what shape you want your maze to be: circle, square or something else.
2. When you draw your shape, pick the starting point and ending point of your maze.
3. Lightly draw a wiggly line from one end to the other (in pencil) – this will be your path through the maze. Don't let your line cross over itself and make sure to leave space around your line.
4. After you've drawn the path, you need to add wrong turns. These branch off from your path.
5. Now grab a marker or pen and draw the 'walls' of your maze and erase your pencil marks.
6. Challenge your friends to try your maze to see if they can make it to the end.

### **LEGO Marble Maze**

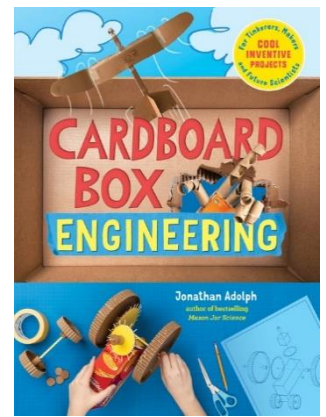
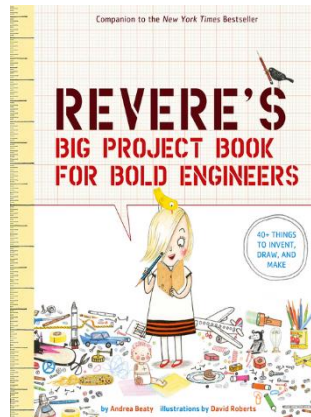
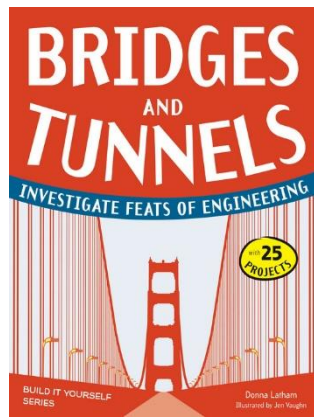
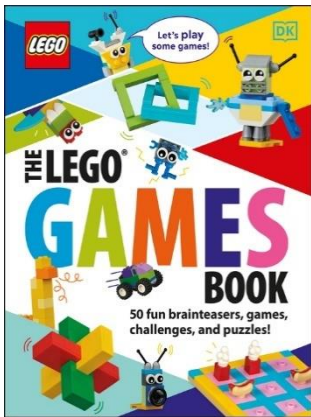
1. Using a platform, create a perimeter around the base with LEGO (or similar building blocks)
2. Decide where your maze will start and end.

- Using LEGO blocks, create your maze. Make sure there is enough room for your marble (or marble-like ball) to move between each wall and around corners.
- Add your ball and slowly tip the base of your marble maze to move the ball through to end.



## Links to eResources:

Check out our [eBooks](#) on these topics:



## [Mazes](#) | [Puzzles](#)

On **Hoopla Kids**, check out *Fun and Games: Mazes* by Georgia Beth. Search for the *A-Maze-ing Adventures* series by Lisa Regan to find books that pair learning with fun and games.

You can get a library card [at hpl.ca/online-registration](http://hpl.ca/online-registration).

*If you would like to share one or all your creations, please take a picture and post it to social media using the hashtag, #HPLmakesomething.*



#HPLmakesomething

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