

Tinkering, or trying to create things with a variety of different supplies, activates the creative side of your brain. When you try new things and see what works and what doesn't you are experiencing part of the engineering process. Taking a risk and putting your idea into action and letting someone else give you their thoughts shows your courage and vulnerability.

These are all things that Girl Scouts can work on as you create your marble maze!

## Marble Mazes

### Supplies:

- Box lid, paper plate, or other surface with edges to build your maze on
- Paper, pipe cleaners, tape, markers, scissors, or other supplies to create obstacles
- Marble (a puff ball will also work and will travel slower)

### Build Your Maze

Using any of your craft supplies, create tunnels, bridges, paths, and other obstacles for your maze. You can add arrows to show direction and a finish arch if you like. Be creative and don't be afraid to try a new idea. Take a risk and it might pay off for you.

### Test Your Maze

Try out your marble maze. Are there obstacles that worked well? Any that need some adjustments to get right? Is there anything you want to change to make it more or less of a challenge?

### Share Your Maze

Have a friend or family member try out your marble maze. What do they think? Take their feedback to improve your design even more.

