

## Science

- The marble maze activity helps the student understand the concept of gravity as they observe how the marble moves through the maze based on the pull of gravity.
- They learn about cause and effect as they experiment with different obstacles and ramps to guide the marble through the maze.
- The activity also introduces the concept of engineering as the student designs and constructs the maze, learning about stability and balance in the process.
- Through trial and error, the student also learns problem-solving skills and perseverance as they adjust the maze to achieve the desired outcome.

For continued development, encourage the student to expand the maze with more complex structures and obstacles. Additionally, discussing the impact of weight and speed on the marble's movement can further enhance their understanding of physics concepts.

## Related Educational Toys and Games

- by Learning Resources: This construction set allows children to explore engineering concepts by building their own cityscapes, bridges, and more.
- by Ravensburger: This STEM toy enables kids to design and build their own marble mazes, incorporating concepts of gravity, magnetism, and kinetics.
- [ThinkFun Gravity Maze Marble Run Brain Game](#) by ThinkFun: This logic game challenges kids to build marble run mazes and develop critical thinking skills to guide the marble through the maze using specified challenge cards.

If you click on these links and make a purchase, we may receive a small commission.