

## STEM Ideas for Infants/Younger Classes

Maze: Build a lego maze or one from cardboard-Add a ball to your maze and move it through the rows by twisting and turning the maze

<https://www.pdst.ie/sites/default/files/Amazing%20Mazes%20Task%20Card.pdf>

Make a kite: <https://www.playboard.org/wp-content/uploads/2020/06/Make-Your-Own-Kite-Play-Idea-PlayBoard-NI.pdf> or watch <https://youtu.be/a0hYmqjssRA>

Make a sensory hopscotch:

<https://www.pdst.ie/sites/default/files/Design%20and%20Make%20a%20Sensory%20Hopscotch%20Task%20Card.pdf>

Build a raft from natural materials you find in in your garden:

<https://pdst.ie/sites/default/files/Makecraft.pdf>

Build a bridge: Using household materials and recyclable items only can you build a bridge that a toy car could move across?

Create a chain reaction: Use dominoes or other objects in your house to create a chain reaction

[https://pstt.org.uk/application/files/3515/3900/2529/Chain\\_Reaction\\_Booklet\\_-\\_v5\\_final\\_2.pdf](https://pstt.org.uk/application/files/3515/3900/2529/Chain_Reaction_Booklet_-_v5_final_2.pdf)

Build a Straw Rollercoaster: <https://frugalfun4boys.com/engineering-project-kids-build-straw-roller-coaster/>

Rainbow Maker: To make a rainbow out of kitchen paper colour in the colours of a rainbow on either end of the kitchen paper and place into two cups of water rather than 1

<https://www.youtube.com/watch?v=8iZCNnYewmk>

Make a sensory bottle: <https://pdst.ie/sites/default/files/Sensory%20Box%20Slide.pdf>

Ice escape: <https://pdst.ie/sites/default/files/Ice%20Escape%20Revised%20Task%20Card.pdf>

Make your own fairy garden: Materials you could use include a box, natural materials you find outdoors such as sticks, twigs, grass, design a fairy door, fairy sized furniture

Magic Ink Writing: <https://www.playboard.org/wp-content/uploads/2020/03/Magic-Ink-Play-Ideas-PlayBoard-NI.pdf>

Create an Indoor or Outdoor Obstacle Course: <https://www.crc.ie/creating-a-fun-obstacle-course-at-home/>