

Engineering Design Challenge – Snow Globe Designs



Engineering Design Process:

- Identify or Define the Problem
- Generate Ideas
- Identify best idea based on constraints
- Design and Build a Prototype
- Evaluating Tests
- Iterating and Redesigning
- Explaining Results

Need Inspiration? Consider exploring the [Ideas, the LEGO Way!](#) lesson to launch the discussion and encourage reflective brainstorming. Explore online images of snow globes to spark your creativity.

Use each step of the Engineering Design Process to complete this challenge.

Challenge – Can you design a unique snow globe using LEGO Education SPIKE™ Prime? Consider what winter scene you would like to include, how you can program it to move, and what materials you will use to create the snow globe. Define the criteria for success as a class.

