

Engineering Design Challenge – New Year, New Me!



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. Share your goals, dreams, hopes, or resolutions with your class!

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

Challenge – Can you design a model, using the LEGO® Education SPIKE™ Prime set, that represents your goals or hopes for 2024? Consider how you can build a representation of your upcoming year, how you can program it to move, and what materials you will use to create your design. Define the criteria for success as a class.

