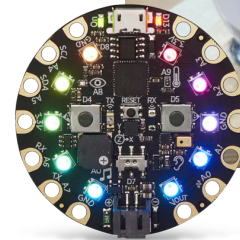# Build/Code a Snow Globe

Build a working snow globe to present with your research. Code your snow globe to play music and lights when shaken like a real snowglobe. Choose a topic to research (biome, famous landmark, holiday/culture, area of interest, etc.) to accompany your snowglobe.

Materials

*1 Plastic Snow Globe Container (Hobby Lobby)

*Distilled Water

*Glue (E6000 is good choice)

*Glycerin

*Glitter

*LED Fairy Lights (OPTIONAL)

*Adafruit Circuit Playground Express Kit

*Adafruit Speaker (Optional - to enhance sound)

*Microsoft: Adafruit Makecode Program (https://makecode.adafruit.com/)

3D Printing Figurine

*Autodesk: TinkerCAD Software (https://www.tinkercad.com/)

*3D Printer

Directions

Use the Hobby Lobby instructions for your snow globe mixture and/or reference these directions to successfully build and code your snow globe.

https://cdn-learn.adafruit.com/downloads/pdf/make-a-snowglobe-with-circuit-playground-makecode.pdf