



Smithsonian

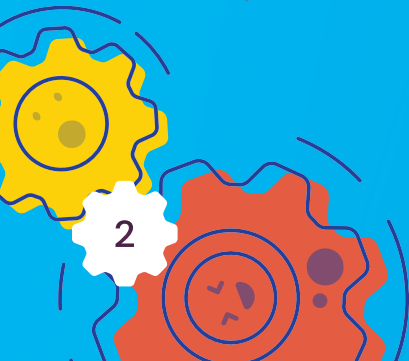
Lighting the Night



Nellie Wilder

light by fire

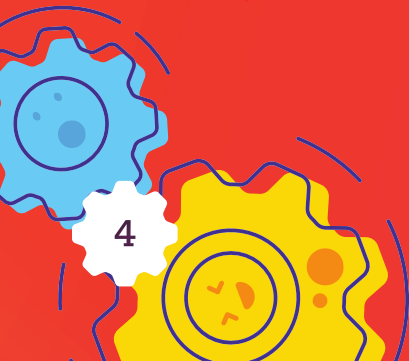
For Review Only





light by candle

For Review Only

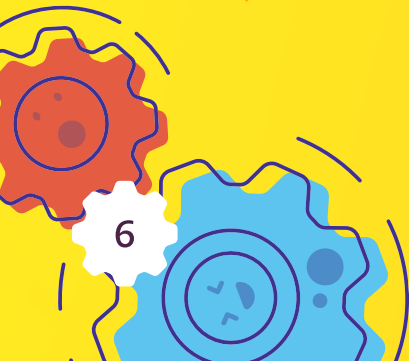




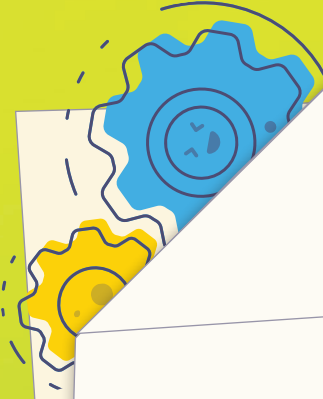
For Review Only

light by oil lamp

For Review Only







STEAM CHALLENGE

The Problem

You need to add light to a dollhouse.
You only have one flashlight.

The Goals

- Use a cardboard box as the dollhouse room.
- Make a small lamp with a shade.
- The lamp should light up the area that you want.





Research and Brainstorm

Learn about light.



Design and Build

Draw your plan. Build your lamp and shade!



Test and Improve

Test the lamp and shade. Then, try to make it better.



Reflect and Share

What did you learn?

