

STEAM Challenge Cards



Can you rebuild these items? Cut out each card and try to make the image represented using only one of the building materials. Some example materials are:

- LEGO or MEGA Blocks
- Craft Sticks or Straws and Velcro
- Recyclables
- Toothpicks and Playdoh
- Building Blocks
- Sand
- Beads and String
- Construction paper and Tape
- Pipe Cleaners
- Index Cards

 <p>Brooklyn Bridge</p>	 <p>The Eiffel Tower</p>
 <p>The CN Tower</p>	 <p>Skyscraper</p>



Neuschwanstein
Castle



Airplane



Train



Sphinx



Car



Colosseum

Design and build a marble maze that will allow a marble to roll all the way to the bottom without falling off.

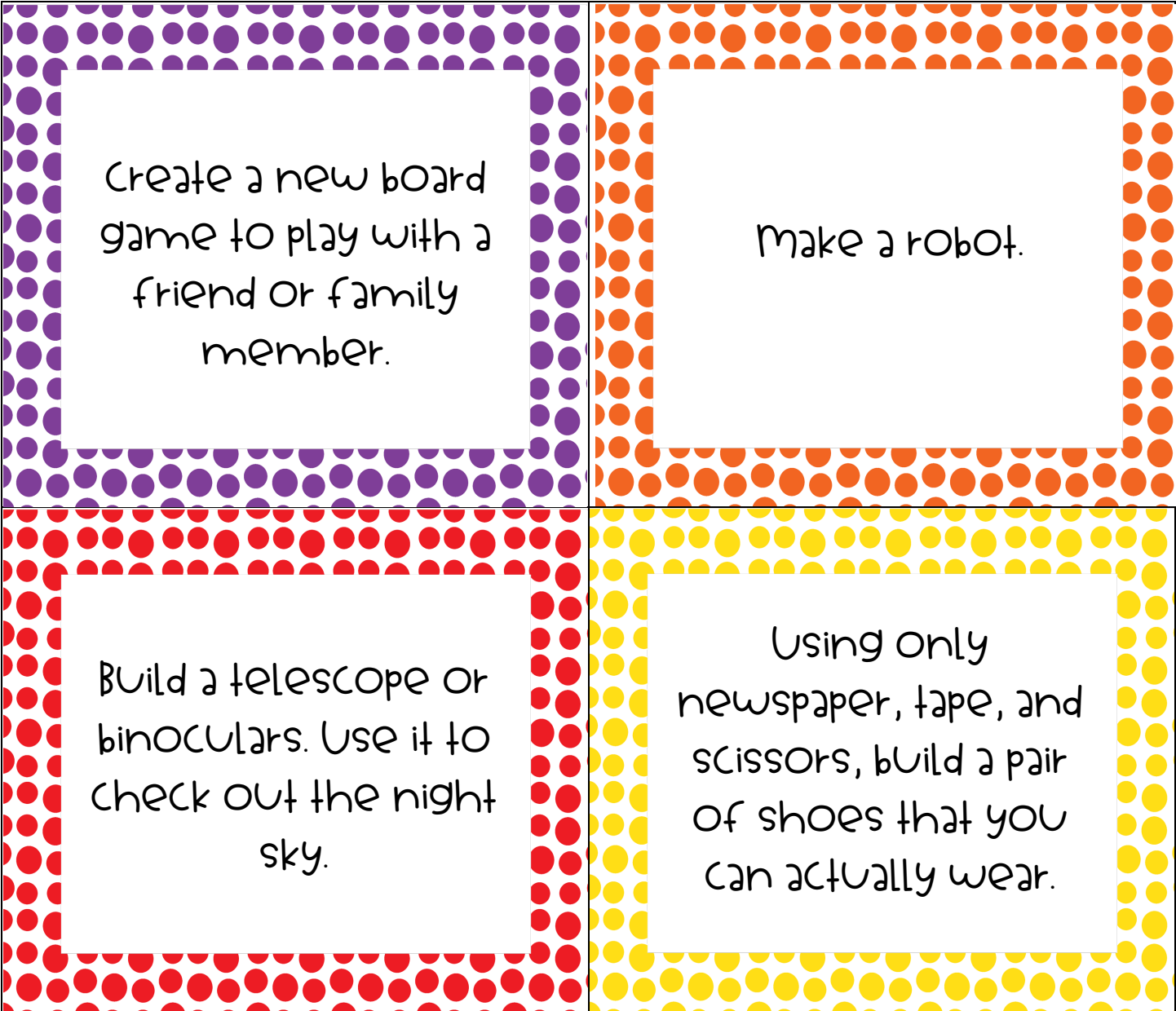
Build something that flies.

How tall of a structure can you build in 2 minutes? It must be able to stand on it's own.

Build a structure using cups. YOU can NOT touch the cups with your hands.

Take something that is heavy and make it float.

How can you make a car (or other object) move up a ramp without pushing, pulling or dragging it?



Create a new board game to play with a friend or family member.

Make a robot.

Build a telescope or binoculars. Use it to check out the night sky.

Using only newspaper, tape, and scissors, build a pair of shoes that you can actually wear.