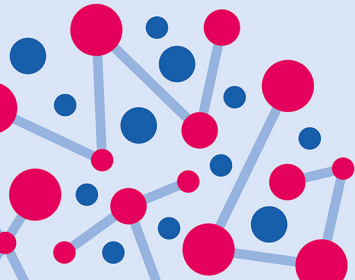




Elastic band boats

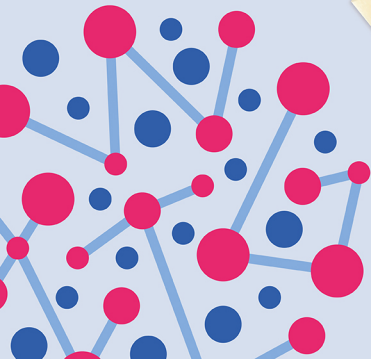
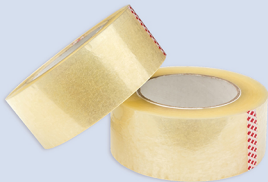
At-home science activity

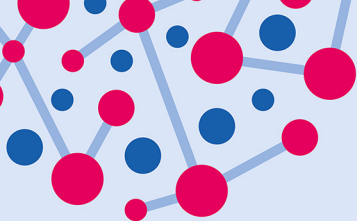


twigEDUCATION

You will need:

- Plastic, cork tile, or stiff card
- Elastic band
- Sticky tape
- Water container





In this activity, children investigate potential and kinetic energy.

1. Cut the plastic, cork tile, or card into a boat shape.
2. Cut out a square from the back of the boat to make a paddle.
3. Loop an elastic band around the back end of the boat.

4. Place the paddle inside the elastic band and secure in place with sticky tape.

5. Wind the elastic band by rotating the paddle away from the boat.

6. Place the boat in a large container of water and release the paddle.

What happens?

Potential energy is stored in the elastic band as the paddle is turned. This is transferred to provide the paddle with kinetic energy, which drives the boat forwards.

