

Objectives

- Describe how force can be applied to move an object.

Materials

- **Per Student:**
copy of the [Paper Helicopter Template](#) (on ordinary paper)
paper clip

Key Questions

- Why does the helicopter spin?
- Why does the helicopter drop slowly?

Instructions:

1. Cut around the outside of the helicopter.
2. Cut along the solid lines.
3. Fold the side pieces in to form the body of the helicopter.
4. Fold one wing toward you and one wing away from you to form the rotor.
5. Fold the helicopter body up about 1 cm from the end. Use the paper clip to hold this fold.
6. Drop the helicopter from a high place and watch it spin.

Extensions

- What would happen if you changed a variable (different type of paper, more/less paperclips, different sized wings etc.)?
- How can you measure the difference your changes may make?