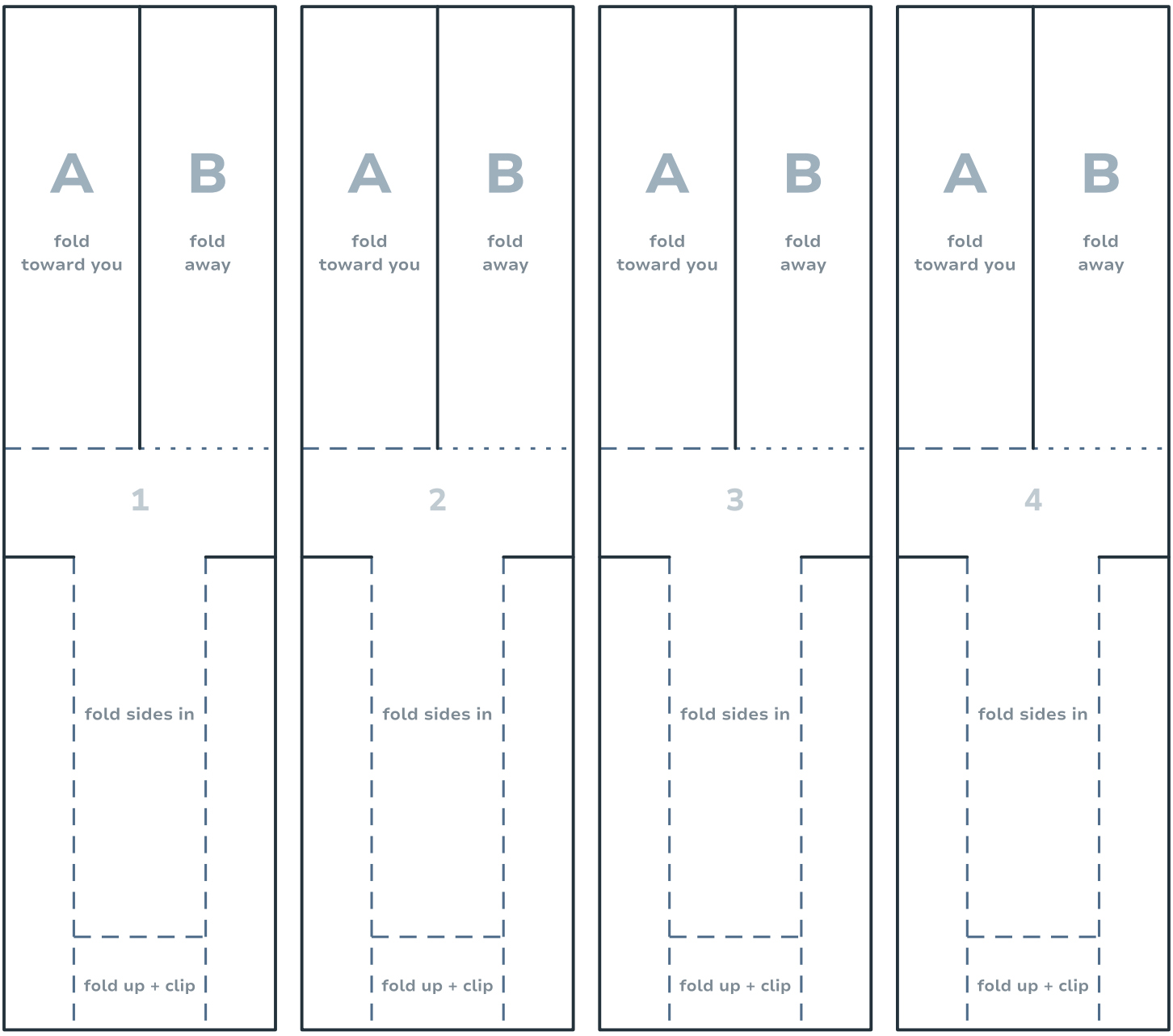
PROJECT 5 · PAPER HELICOPTER

Paper helicopter

cut
fold
fold the other way



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Paper helicopter

Ages 6-12 | 15 min, plus testing | Mess: Low | Copy paper

You need

- Printed sheet (4 helicopters)
- Scissors
- Paper clips

Skills practiced

- Following steps in order
- Fair testing

LESSON LINK

Run a fair test: change one thing (rotor length or number of clips) and time the drops.
Grades: 3-5
Ties to: Science: forces and motion (fits NGSS 3-PS2-1).

Source: NGSS 3-PS2-1, https://www.nextgenscience.org/pe/3-ps2-1-motion-and-stability-forces-and-interactions

Steps

1. Cut out a helicopter on its outside line.
2. Cut down the center line between A and B. Stop at the dashed line.
3. Cut the two short lines on the sides.
4. Fold A toward you and B away from you.
5. Fold the sides in on the dashed lines, then fold the bottom up and hold it with a paper clip.
6. Drop it from up high and watch it spin.

Tip: Drop from the same height every time, three drops each, and take the middle time.

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