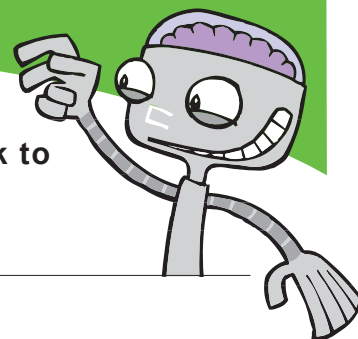


ROUND-TRIP BOOMERANG



Simple boomerangs don't just fly, they turn around and come back to where they started!

WHAT YOU'LL NEED

- Manila file folder
- Pencil
- Scissors
- Printout of boomerang pattern in this PDF

WHAT TO DO

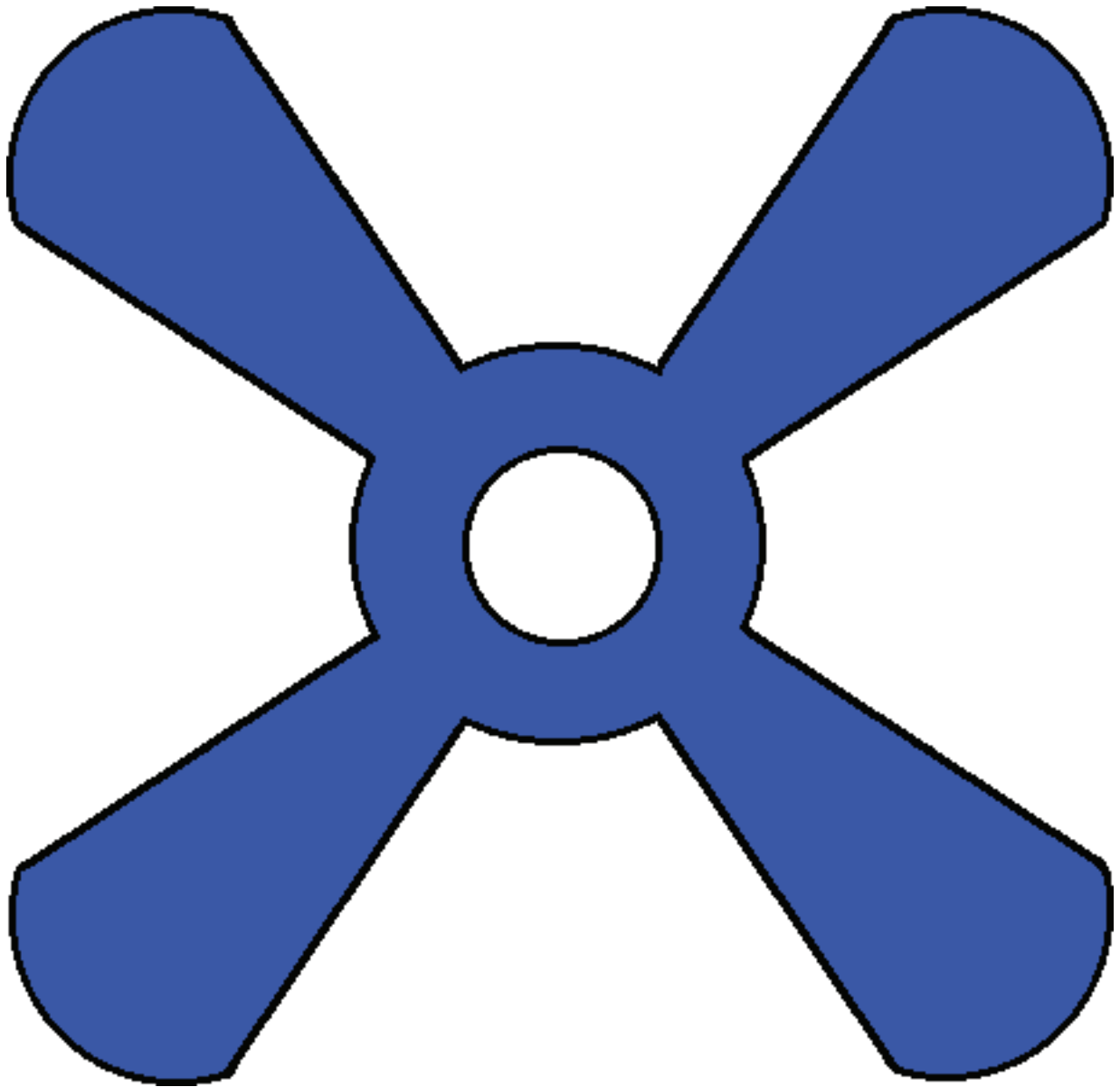
- 1** Print out this activity.
- 2** Cut out the four-wing boomerang pattern. Trace one boomerang onto each half of the file folder. (You can enlarge the pattern and use other materials too—cardboard, styrofoam trays, thin plywood. Be sure to fly wooden boomerangs outdoors.)

ACTIVITY CONTINUED ON NEXT PAGE (PAGE 1 OF 3)

This activity was adapted from NASA's Four-Wing Paper Boomerang.

ROUND-TRIP BOOMERANG

(ACTIVITY CONTINUED)



(PAGE 2 OF 3)

This activity was adapted from NASA's Four-Wing Paper Boomerang.

ROUND-TRIP BOOMERANG

(ACTIVITY CONTINUED)

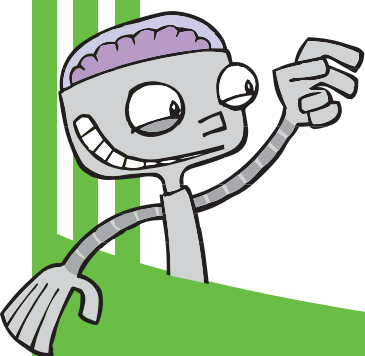
3

Cut out the boomerangs. (Decorate them if you like!)

Hold one wing of a boomerang between your thumb and index finger/ (Hold the boomerang horizontally, the same way you would hold a frisbee). Toss the boomerang away from you, flicking your wrist to give it spin. What happens? You may have to try a few times before it comes back towards you.

Now try holding a boomerang vertically to toss it. What happens?

You can catch a boomerang by clapping it between your hands, or pushing your finger through the center hole as the boomerang hovers for a moment in one place.



DID YOU KNOW?

- King Tutankhamen of Egypt collected boomerangs more than 2000 years ago!
- Today, boomerang competitors use computers to help design state-of-the-art boomerangs.

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