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AIRPLANE LAUNCHER

CHALLENGE

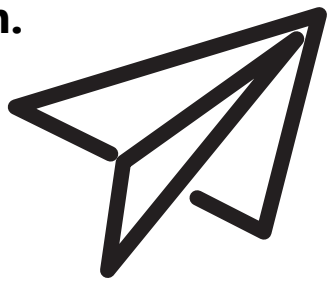
CAN YOU BUILD A PAPER AIRPLANE LAUNCHER?

Design and build a device that will launch a paper airplane.

Supplies: Paper, rubber bands, pen or pencil, paper clips, tape or stapler, cardboard, building toys such as LEGO, or wood.

Time Constraint: 30 minutes (or more if time allows)

Set up: Draw a few sketches of your design ideas, and pick one to build. Build a prototype of your design.
Test your airplane launcher.



Questions for Reflection:
How does the angle at which you launch the plane affect its flight distance?

Try using different lengths and thicknesses of rubber bands. Do some work better than others? Why do you think that is?

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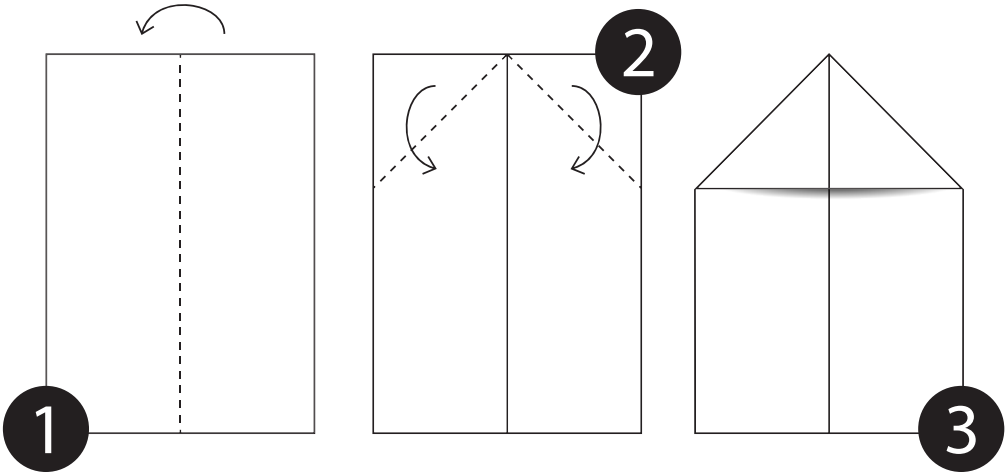
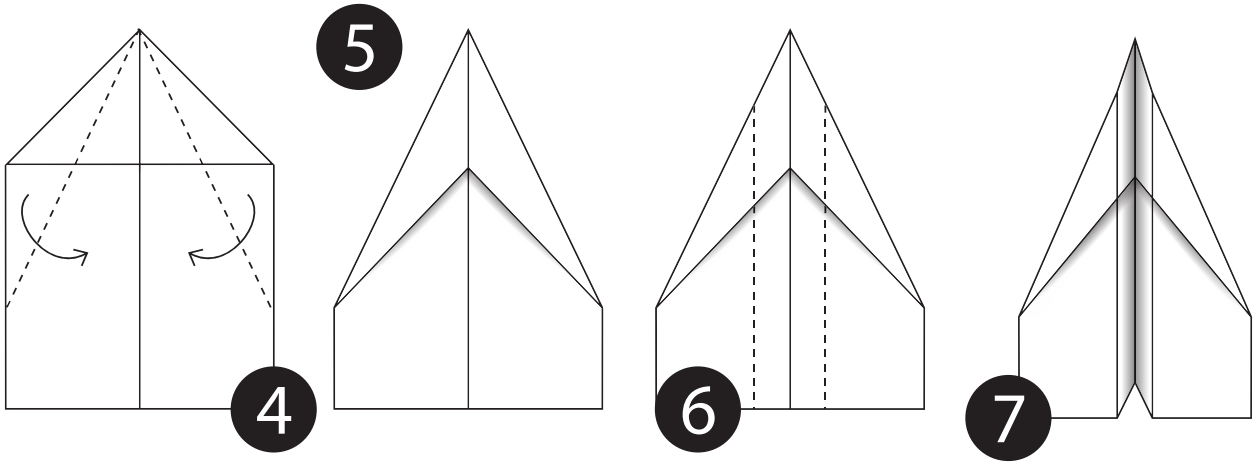
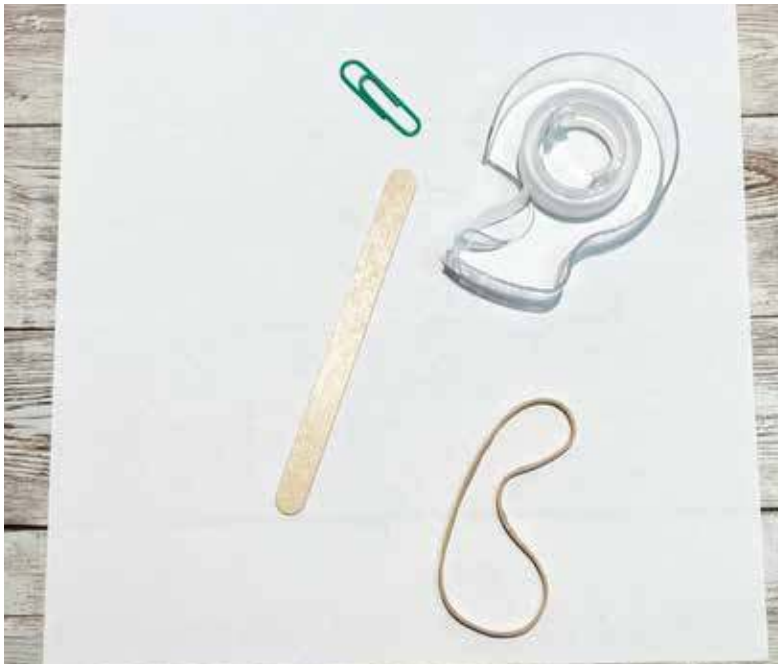
AMELIA EARHART

Amelia Mary Earhart was an American aviation pioneer and author. Earhart was the first female aviator to fly solo across the Atlantic Ocean.

Before she became a pilot, she become a nurse's aide taking care of wounded soldiers in World War I. Then she studied to become a mechanic, but soon was back in school studying for a career in medicine.