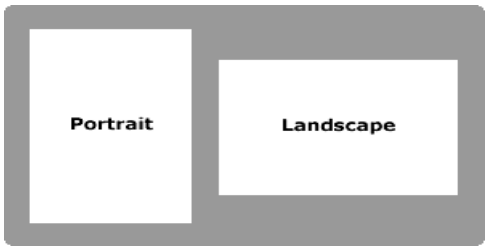
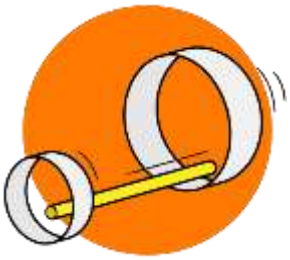
Directions for Hoop Gliders:

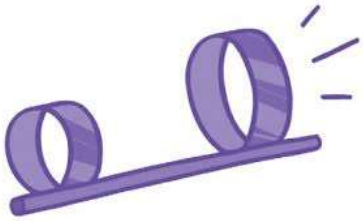
1. From one piece of paper, you will first cut a strip about the width of two fingers from the long (landscape) side of your paper.
2. Then cut a strip of paper about the width of two fingers from the short (portrait) side of your paper.



3. Tape your long strip of paper closed in the shape of a hoop.
4. Tape your short strip of paper closed in the shape of a hoop.
5. Tape your straw to the insides of the two hoops, one side of the straw on each hoop like this:

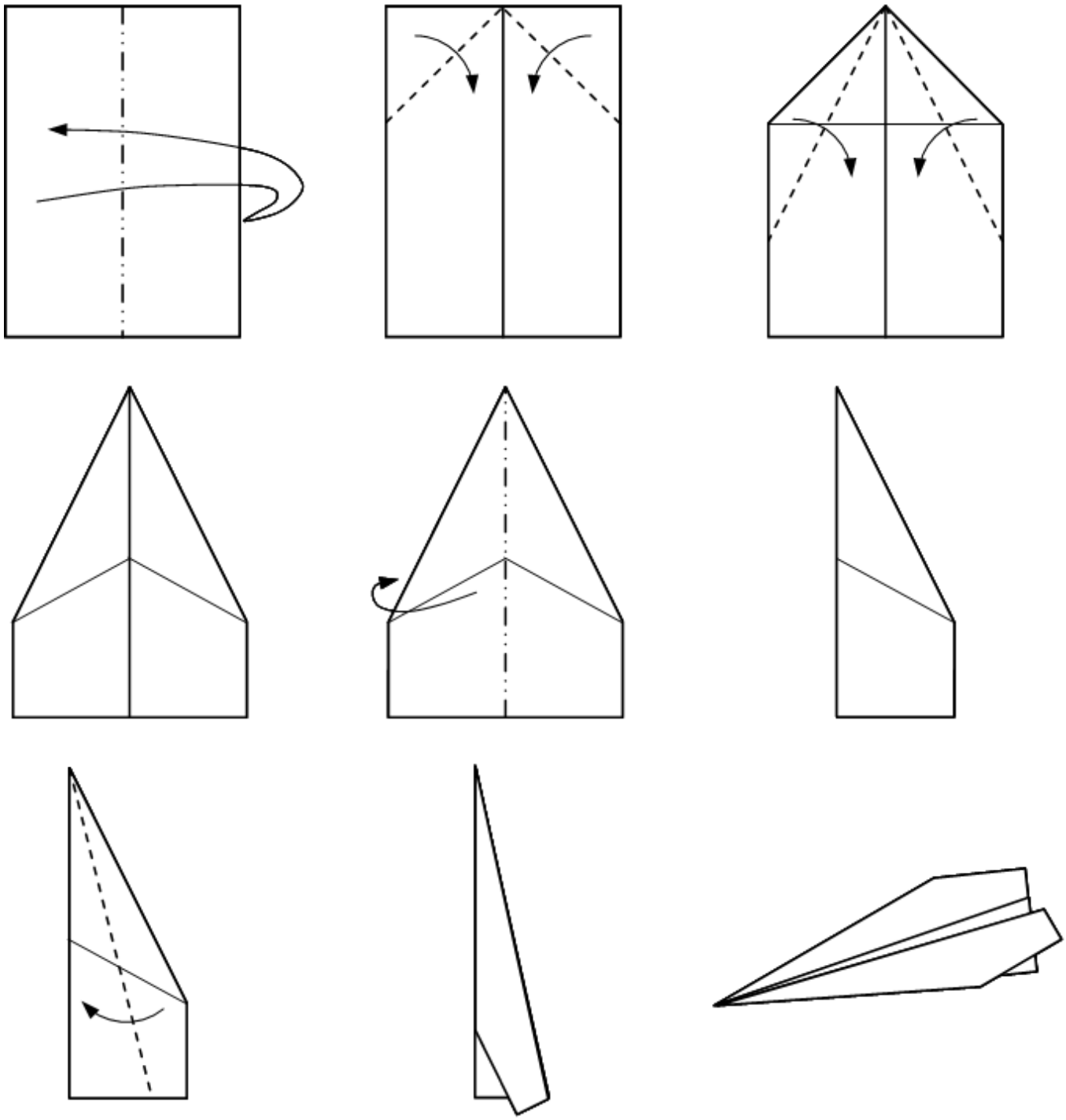


*You can even try it like this and see how it goes:



Science Food for Thought:

- How does the hoop glider fly without any wings?
- What does a craft need to be able to fly?
- What forces are acting on the glider to make it fly and fall? Hint: Gravity is one force!

- Try making a traditional paper plane and flying both objects to see how they compare!

How to Fold a Traditional Paper Airplane!