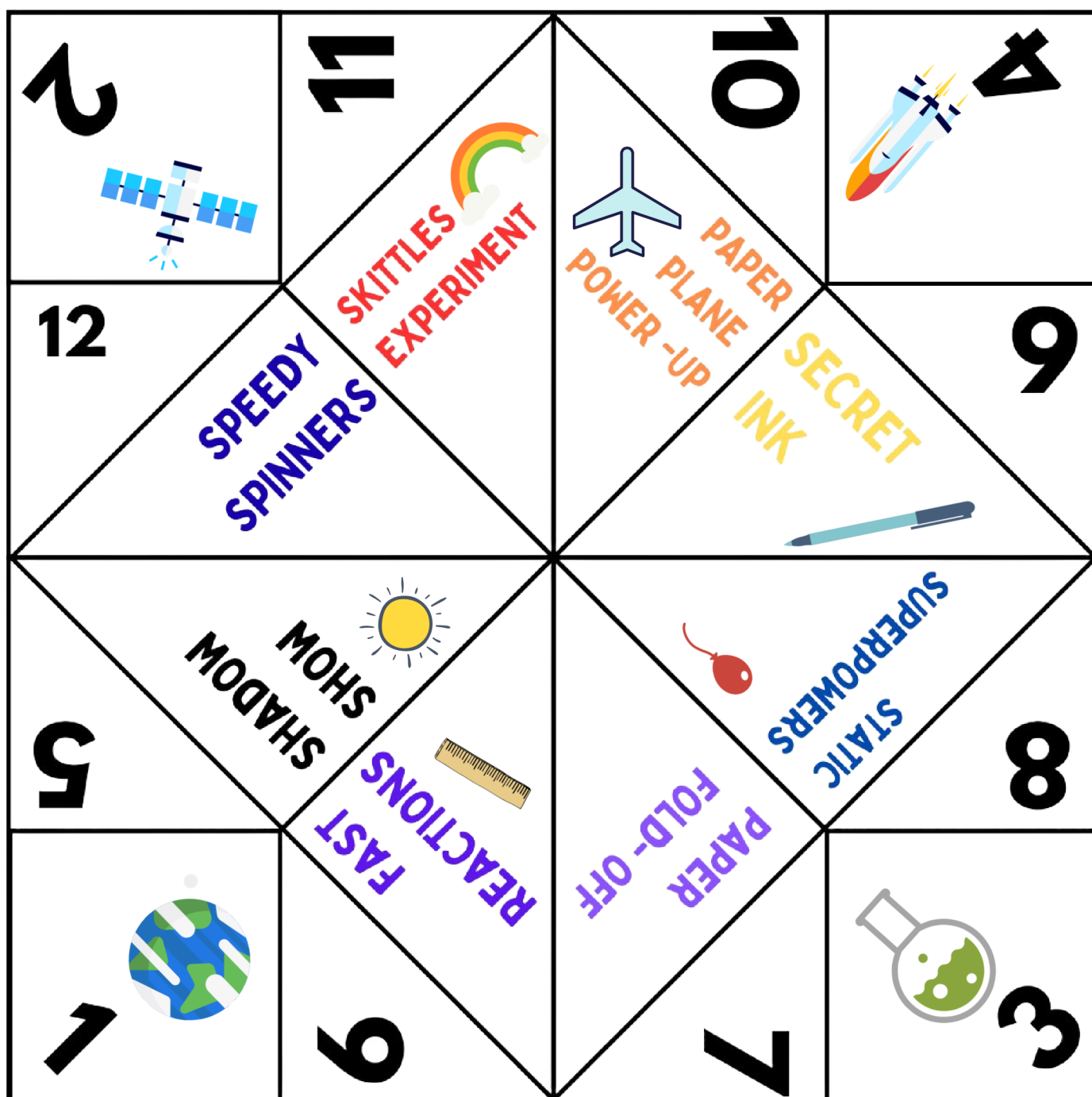


SCIENCE EXPERIMENT FORTUNE TELLER

Fold the fortune teller, gather together materials for the science experiments and start playing.

How does it work?

- Ask the person you're playing with to choose a number from the side of the fortune teller.
- Spell out or count the number to reveal new numbers.
- As the player to choose another number and count or spell again.
- Ask the player to choose a final number, then lift the flap to reveal the science experiment.
- Do the experiment and start again.



EXPERIMENT INSTRUCTIONS

Skittle Rainbow

Materials

Skittles®

White plate

Warm water

Instructions

Place the Skittles® around the edge of the plate.

Carefully pour warm water over the top.

Watch as the colours spread through the water.



Skittles® are coated in food colouring and sugar. When you pour water over the Skittles® the coloured coating dissolves and diffuses through the water.

More fun

Experiment with cold and warm water and different types of coloured sweets.

Paper Plane Power Up

Materials

Paper



Instructions

Use the template and instructions to fold a paper plane.

Investigate by throwing the plane at different angles.

More fun

Use chalk to draw a target outdoors and try to get the plane to land inside the target areas.



EXPERIMENT INSTRUCTIONS

Invisible Ink

Materials

Lemon or lime
Cup or bowl
Cotton bud or small paintbrush
Paper
Oven



Instructions

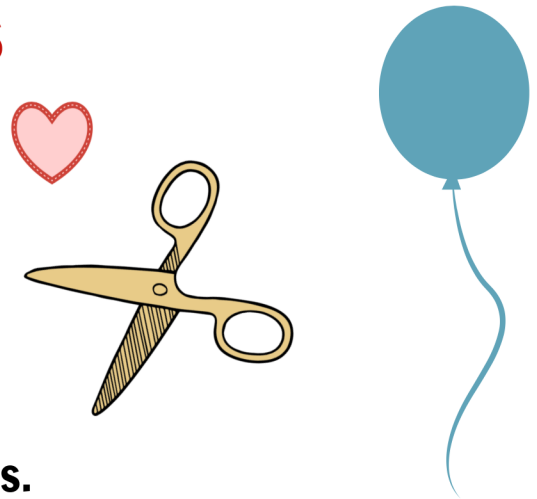
Squeeze the lemon or lime juice into a container.
Use the paintbrush or cotton bud to draw or write a message on the paper.
Place the paper in an oven on low heat (ask an adult to help) and the message will be revealed.

ADULT SUPERVISION NEEDED

Static Superpowers

Materials

Balloon
Tissue paper
Scissors
Woolly jumper or hair



Instructions

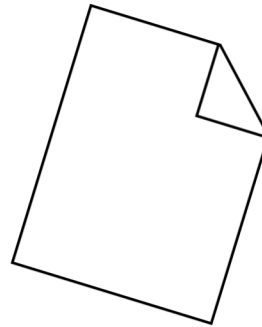
Cut the tissue paper into small shapes.
Rub the balloon on your hair or a woolly jumper and hold it just above the tissue paper.
The paper will jump up to the balloon.

EXPERIMENT INSTRUCTIONS

Paper Fold Off

Materials

A4 piece of paper



Instructions

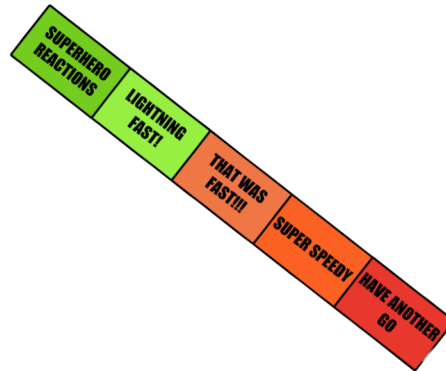
Fold the paper in half and then half again until you can no longer fold it.

Every time you fold the paper in half, the surface area halves, and the number of layers of paper doubles. By fold 6, there are 64 layers of paper to fold.

Fast Reactions

Materials

30 cm ruler



Instructions

Hold the top of the ruler with your arm stretched out and fingers on the highest measurement.

Ask a friend to put their thumb and index finger slightly open at the bottom of the ruler, with the ruler between their fingers. They need to grab the ruler as soon as it drops.

Drop the ruler and record the measurement on the ruler where the other person's fingers are.

EXPERIMENT INSTRUCTIONS

Shadow Show



Materials

Paper

Lolly stick or craft stick



Instructions

Cut out different shapes from paper and attach a craft stick to the base. On a sunny day go outdoors and make a shadow show with the shadow puppets.

Try experimenting with shadows at different times of the day. You should find that the Sun makes the longest shadows at the beginning and end of the day when the Sun is lowest in the sky and the shortest shadows at midday when it's highest in the sky.

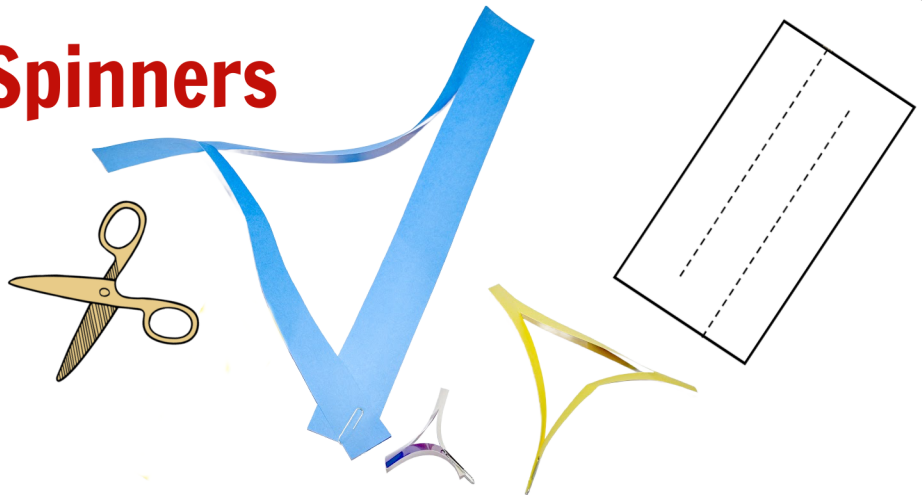
Speedy Spinners

Materials

Spinner template

Scissors

Paper clip

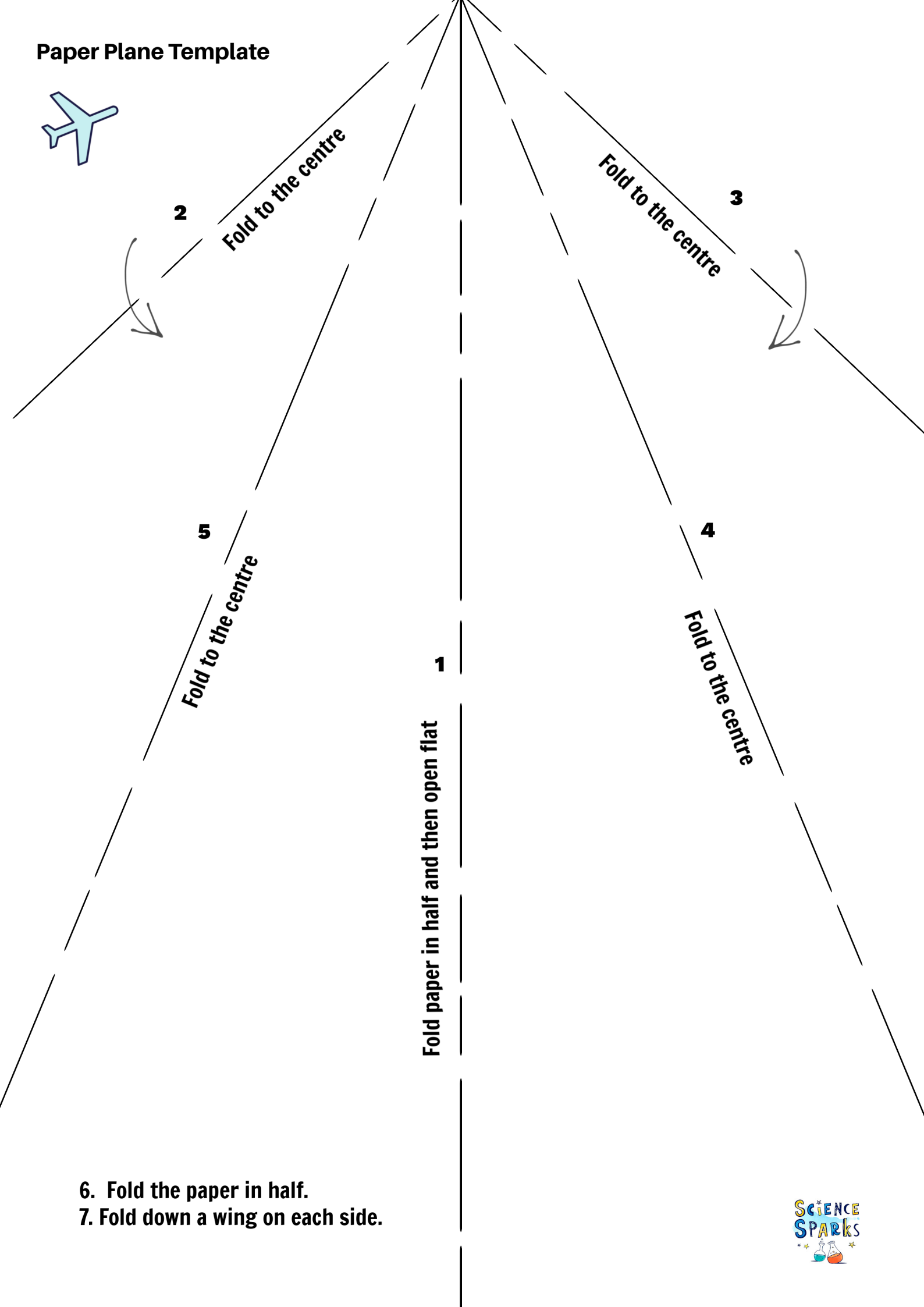


Instructions

Follow the instructions on the template, hold the spinner as high in the air as you can and watch as it falls to the ground.

Experiment by adding more paper clips and making bigger/smaller spinners.

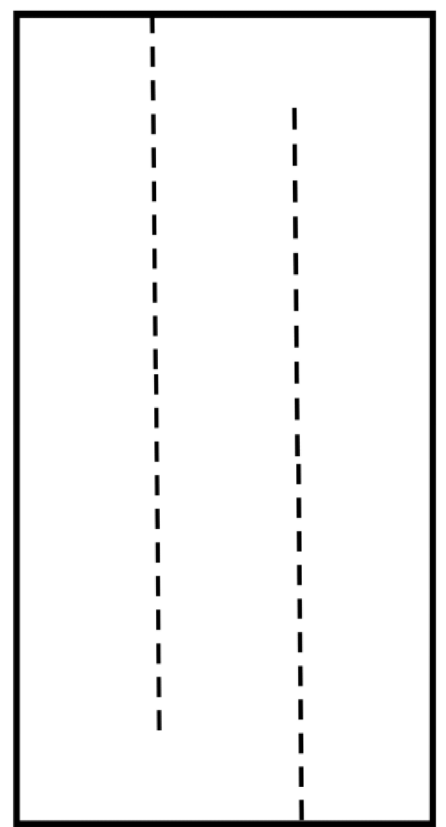
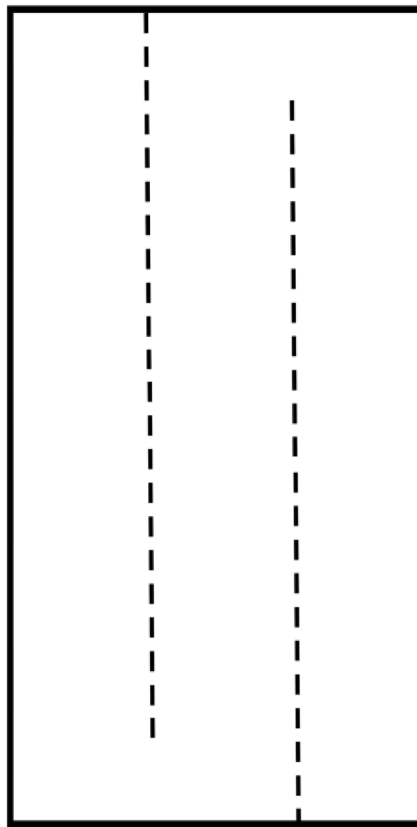
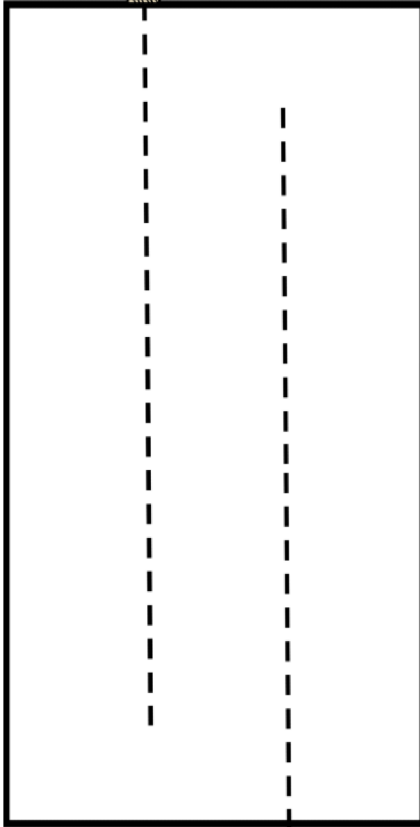
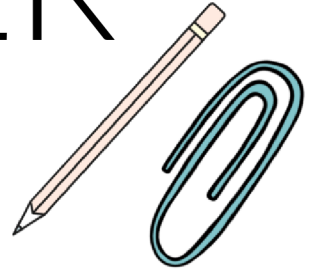
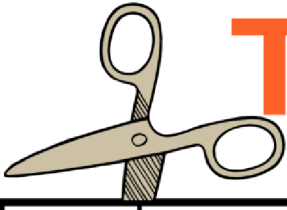
Paper Plane Template



6. Fold the paper in half.
7. Fold down a wing on each side.

PAPER SPINNER

TEMPLATE



Supplies needed:

Scissors

Paperclip

Instructions

Carefully cut out the three rectangle shapes above.

Cut down the scissor lines and fasten the two ends together with a paperclip.



More fun

Experiment with bigger and smaller spinners and different types of paper.