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|----------------|------------------------|
| Unit | 1. History of Science |
| Topic | 1. What is Science? |
| Chapter | 2. Science and Society |

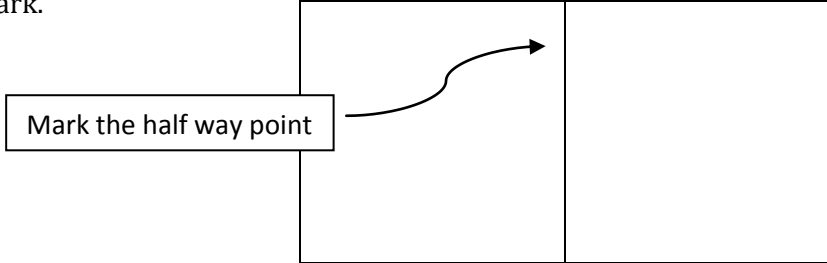
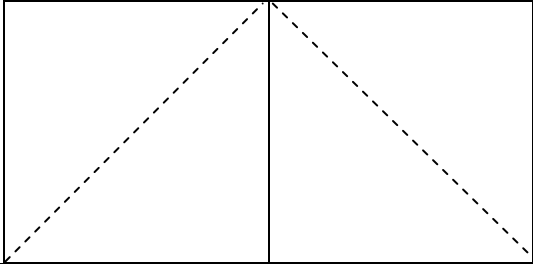
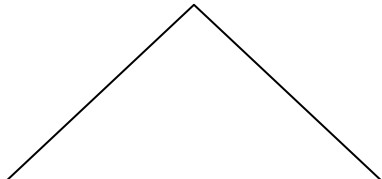
LEONARDO'S PARACHUTE

Leonardo da Vinci was a famous man during the period known as the Renaissance. He was an accomplished painter, inventor and scientist. He was fascinated with the idea of flight and created many inventions to fly or float on the air. Below we will create one of Leonardo's inventions.

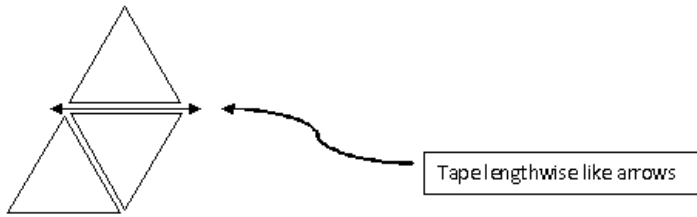
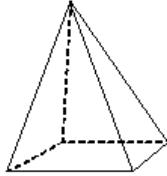
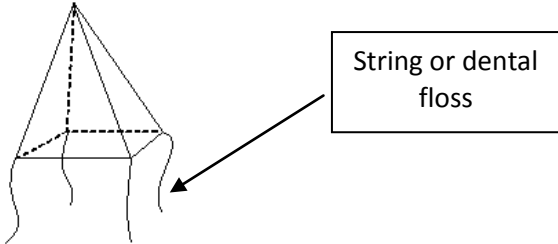
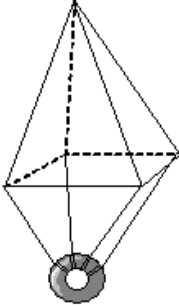
DISCLAIMER - Please conduct all experiments under the supervision of an adult.

Material:

- Four sheets of A4 paper
- Sticky Tape
- Four cuts of 30cm long String or Dental Floss
- Washer / Metal Ring
- Scissors

| Instructions | |
|--------------|---|
| 1. | <p>Fold an A4 sheet in gently in half lengthwise and use a pencil to show the half way mark.</p>  |
| 2. | <p>Draw a diagonal line from the middle point to the edges creating a triangle.</p>  |
| 3. | <p>Cut out the triangle. Repeat these three steps for the other sheets of A4 paper.</p>  |



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| 4. | <p>Tape the triangles together lengthwise matching the shorter edges</p>  |
| 5. | <p>Gently tape the left over two edges of the triangles together to form a pyramid</p>  |
| 6. | <p>Tape a piece of string / dental floss to each corner</p>  |
| 7. | <p>Tie a metal ring or washer to the string, throw the parachute from a safe height and observe. (Make sure you do this with adult supervision.)</p>  |

WHAT should happen?

When you drop the parachute from a height it should float gently down to the ground.

HOW does it work?

When the parachute drops the air pressure of the surrounding air pushes up against the underside of the parachute. This pushing slows the falling of the parachute.

