Hungry Caterpillar

Science activities to try at home

Concepts adapted from Hungry Caterpillar

character in the book by Eric Carle

Caterpillar Planting

What you need:

- 1 egg box
- Grass, mustard or cress seed
- Soil – for grass seed
- Cotton balls – for mustard/ cress seed
- Paper or foam
- Sellotape

Optional:
Pipe cleaners, straws, googly eyes, glue, paint
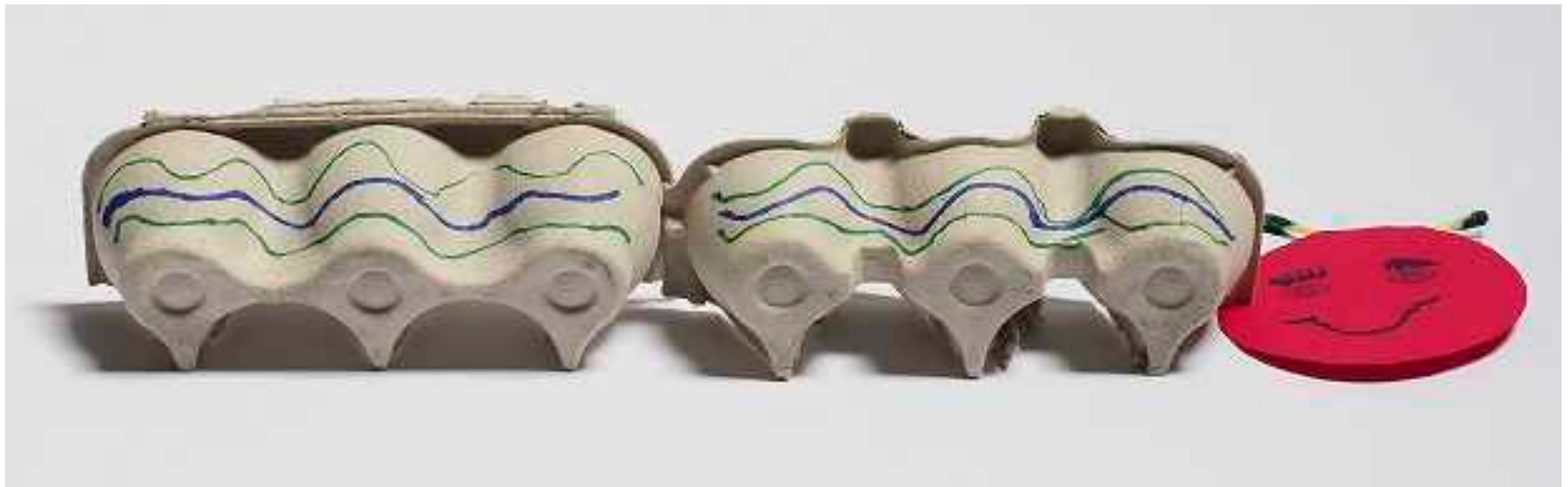
Caterpillar Planting

What to do?

First make your caterpillar!

Cut the egg box into two strips, place one strip in front of the other and tape or glue together.

Make you egg carton look like a caterpillar by colouring or painting!

To make the caterpillar's face, cut a circle out of paper or foam, add two eyes, two antenna and a nose. Tape your caterpillar's face on to the front of the egg box

Caterpillar Planting

If you are using grass seeds add a teaspoon of soil to the bottom of each egg container.

If using mustard or cress seeds place a cotton ball in the bottom of each egg container.

Sprinkle the seeds into the eggs container and a little water (You could use a spray bottle to limit over-watering). Place in sunlight and watch grow. If the seeds look too dry spray a little water.

Butterfly Symmetry

What you need:

- **Different coloured Lego bricks**
- **Lego base board or butterfly shapes cut out of paper**

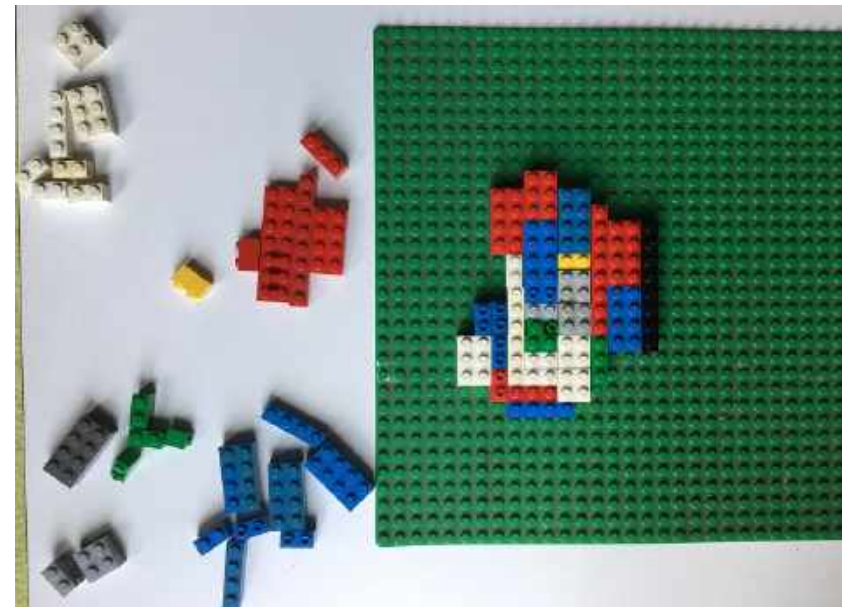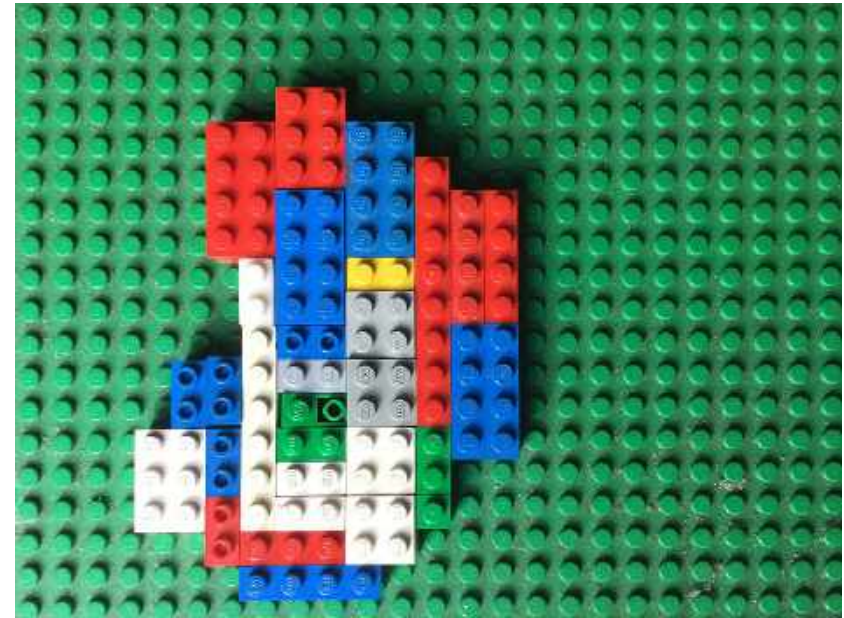# Butterfly Symmetry

What to do?

Divide your Lego brinks into piles of different colours.

Put the black bricks to the side as these will be used for the body.

On the Lego board or paper template make **one** colourful butterfly wing out of Lego bricks.

Add a line black bricks in the middle of the butterfly wing for the body.

Now make a matching symmetrical wing.

Caterpillar measurement

What you need:

- **Green and red coloured paper or green and red colouring pencils and white paper**

- **White paper**

- **String**

- **Ruler or measuring tape**

- **Pen**

- **Scissors**

- **2p piece**

Optional:

Cotton bud and Sellotape
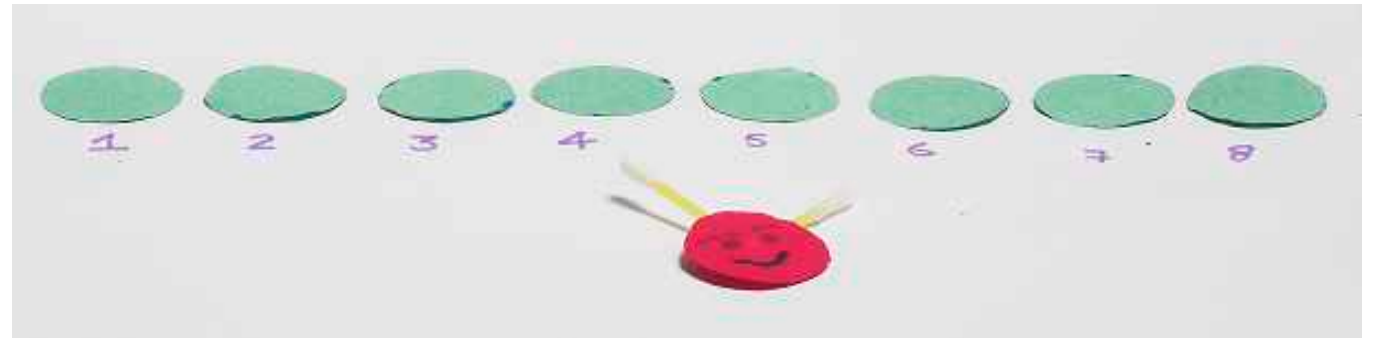
Caterpillar measurement

What to do?

Make your caterpillar!

Using the 2p coin draw around it , 8 circles on green paper and one circle on red paper Cut circles out.

Add eyes and two antenna to the red circle. (make these out of cotton bud and stick on)

On a white sheet of paper, place the circles in an arch /curve.

The first circle in your arch should be red followed by five green circles

Caterpillar measurement

What to do?

Measure your caterpillar!

Take your string and hold the end at the front of the face of your caterpillar, now place the string over the caterpillar body, over the curve and down to the back of last section.

Mark the length of your caterpillar with a pen or cut the string.

Put the string next to a ruler and measure its length.

Add a new green body part and measure again.