

Jumping Frog

Science Experiment



Method

1. Before you begin the activity, you will need to cut lots of small frog shapes out of the green tissue paper, about 4cm tall. It may be easier to fold the tissue paper in half and cut the shape so that it is symmetrical, as shown in the images below.
2. Snip 2cm up, along the centre fold of each frog. This will help the frog to balance on the edge of the bowl when the children do the experiment.
3. Set up the working area for the children. You will need the ruler, bowl of water, frogs and cloth. Balance a few of the tissue paper frogs on the edge of the bowl.
4. With the children, get them to make the frogs jump. Ask the child to give the ruler a big rub with the cloth, to build up the static electricity, then carefully hold the ruler a couple of cm over the frog. The frog will jump onto the ruler.
5. With a little flick of the ruler, the child can make the frog 'hop into the pond'.
6. Ask the children to try using the wooden block to make the frog jump. Can they 'charge up' the block like they charged up the ruler?

You will need:

Green tissue paper
Plastic ruler
Scissors
Bowl with a small amount of water in
Duster or cloth
Wooden block

