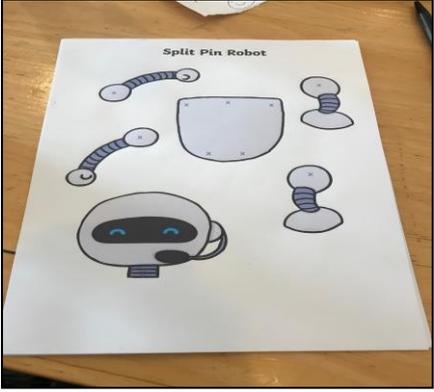
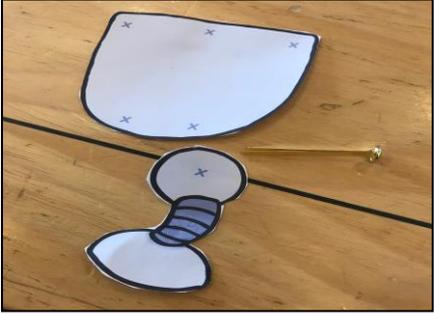


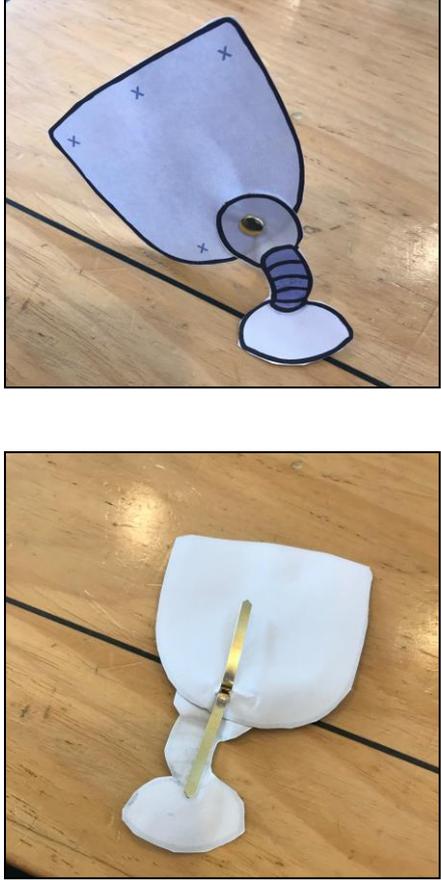
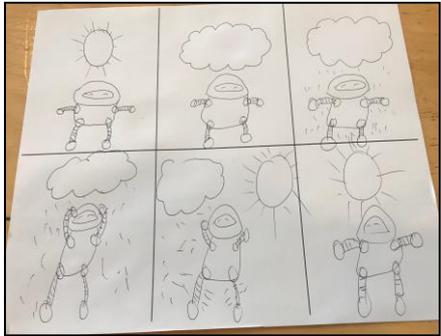
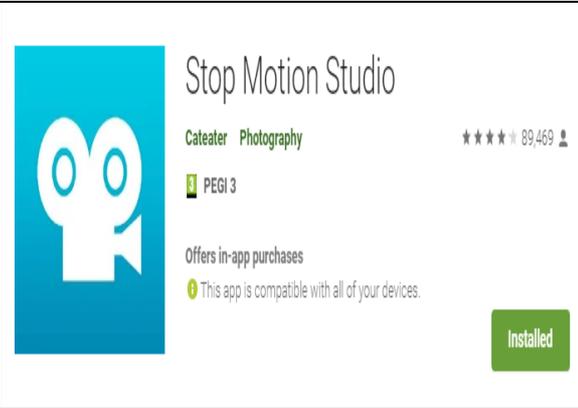
## Stop Motion – Animating your robot

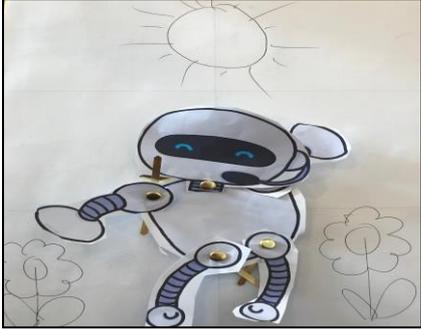
This activity allows participants to create a short animation over a couple of steps – creating a robot, using Lego to build a tripod, designing a storyboard, taking photos, animating them together.

You will need the below per group of children, 5 max:

- 1 robot
- Crayons
- Scissors
- 5 split pins
- 1 story board A4 sheet
- 1 piece of flip chart paper
- Lego – enough to build a stand to picture the robot from
- Tablet with stop motion app pre-loaded

1	The first step is to colour in our robots, using the crayons available.	
2	Once the robots have been coloured in, each of the parts of the robots need cutting out – head, body, 2 x arms and 2 x legs.	
3	Once the robots have been cut out, use the split pins to pierce the circles marked on the body parts and piece them through the central body of the robot.	

<p>4</p>	<p>Once assembled, it should look like the images on the right.</p>	
<p>5</p>	<p>As we are designing a story, we need to design a background. Using the storyboard sheets, as a group, come up with a plan for your story board and draw them in the boxes on the sheet.</p>	
<p>6</p>	<p>Using the smaller story board, we are going to draw it larger on the flip chart paper for use with the tablet, the stop motion app and the Lego.</p>	

7	<p>Looking at the size of the tablet, we now need to use Lego and build a stand over the flipchart/robot. It needs to be strong enough to hold the weight, tall enough to get the robot in shot and be placed far enough apart to get everything in shot too.</p>	
8	<p>We are now going to use the tablets and the Stop Motion app to take images of the robot, over the flipchart, to be animated later, following the story board the groups designed earlier.</p>	
9	<p>Using the Stop Motion app, we are now going to piece together the photos we took and animate the still images to create our short video.</p>	
10	<p>During lunch, ensure that animations are sent to activity lead to be displayed in afternoon session. Contact details to be shared on the day.</p>	<p style="text-align: center;"><u>Steps</u></p> <ol style="list-style-type: none"> <li>1. Once the video has been put together by the children, they need to press the &lt; arrow and the app will offer them the chance to name their short video.</li> <li>2. Once it's been named, press the share symbol – 3 circles connected by lines – and select Export Movie.</li> <li>3. Select Gmail and send the video to the e-mail address provided.</li> </ol>