

Week	LO	Lesson Outline	Key Vocabulary
Monday 01.02.2021	Exploring and sliders	<p>Discuss with the children a collection of books, cards and other products that have moving parts. <i>What does the moving part do? How does it work? What effect does it have? ... Surprise? Does it show how something works? Does it work well?</i></p> <p>Use a simple moving picture book to talk about how levers and sliders can be used to make movement and bring stories to life. Demonstrate how to make simple sliding mechanisms and lever mechanisms using card strips and paper fasteners. Ask the children to explore the theme of 'appearing and disappearing' using sliders.</p> <p>Watch the video for support on making simple sliders and levers.  <a href="https://www.youtube.com/watch?v=9-bG8BM3d3Y">https://www.youtube.com/watch?v=9-bG8BM3d3Y</a></p> <p><i>equipment: paper or card, cello tape, scissors, lolly sticks</i></p>	<p><b>Slider</b> - a rigid bar which moves backwards and forwards along a straight line. Unlike a lever, a slider does not have a pivot point.</p> <p><b>Lever</b> - a rigid bar which moves around a pivot. Levers are used in many everyday products. In this project children will use card strips for levers and paper fasteners for pivots.</p> <p><b>Pivot</b> - a point about which a lever turns</p> <p><b>Slot</b> - the hole through which a lever or slider is placed to enable part of a picture to move.</p> <p><b>Bridge/guide</b> - a short card strip used to keep sliders in place and control movement.</p>
Tuesday 02.02.2021	Levers	<p>It is advantageous to use a hole punch to create the hole for the fastener in the background, as this gives the greatest ease of movement.</p> <p>The fastener is pushed through the lever and background at the same time, then the split pins opened up. Explain to the children that a lever has a pivot point. This can be shown with card strips and a paper fastener. Compare the movement of a lever to a slider. A slider moves backwards and forwards in a straight line. This can be shown by a strip of card that can move backwards</p>	

		<p>and forwards through slots in another piece of card. Children could cut out their own pictures to attach to the card strips to create simple moving pictures</p> <p><i>Equipment - paper/card, paper fastener, hole punch</i></p>	
<p><b>Wednesday</b>  <b>Thursday</b>  <b>03/04.02.202</b>  <b>1</b></p>		<p>Go on a walk around your local area/street, make a note of key things you see as these will need to be on your map. Make a map of your journey.</p> <p>Draw yourself - this will be your slider for when you move around your map. Make sure to include a key at the side of your map or on a separate piece of paper.</p> <p>The map will be your background and the picture of you will be your character that moves.</p>	Human and physical features