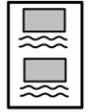
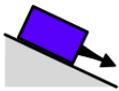


Lesson 1 Can you design a pop-up book?	Lesson 2 Can you follow your design brief to make your pop-up book?	Lesson 3 Can you use layers and spacers to cover the working mechanisms?	Lesson 4 Can you create a high-quality product suitable for a target user?
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Vocabulary

 aesthetic	How something looks	 caption	Explains a picture	 design	To make, draw or write plans for something	 design brief	A description of what you are going to design
 design criteria	Rules for the designer to follow	 exploded diagram	A diagram that shows all parts of the product	 function	To job something does	 input	The motion used to start a mechanism
 linkage	Joined together to form a mechanism	 mechanism	A system of parts working together	 motion	Movement	 output	The motion that happens as a result of the input
 pivots	A point something turns from	1st prototype	A first model of the product	 sliders	A part of a mechanism which slides	 structure	Stands on its own

 template	A stencil to copy a shape accurately	<p>Input is the motion used to start a mechanism. Output is the motion that happens as a result of the input.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Think of a see-saw, when you sit on your side of the see-saw (input) your friend goes up on the other side. (output)</p> </div> <div style="text-align: center;">  <p>Did you know that the first children's pop-up books were invented in the 1700s? That's over 300 years ago! Lothar Meggendorfer was a well-known pop-up author in the 1800s.</p> </div> </div>
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