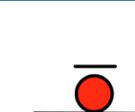
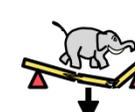


Lesson 1 Can you explore the concept and features of structures and the stability of different shapes?	Lesson 2 Can you understand that the shape of the structure affects its strength?	Lesson 3 Can you make a structure according to design criteria?	Lesson 4 Can you produce a finished structure and evaluate its strength, stiffness and stability?
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Vocabulary

 function	How something works	 man-made	Made by people	 mould	To form something out of a squishy material				
 natural	Found in nature	 stable	Doesn't easily wobble	 stiff	Does not bend easily				
 strong	Not easily broken	 structure	Something that can stand on its own	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; border: none;"><i>Natural Objects</i></td> <td style="width: 50%; text-align: center; border: none;"><i>Man-made Objects</i></td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </table>		<i>Natural Objects</i>	<i>Man-made Objects</i>		
<i>Natural Objects</i>	<i>Man-made Objects</i>								
									
 test	To find out if something works	 weak	Easily broken						