


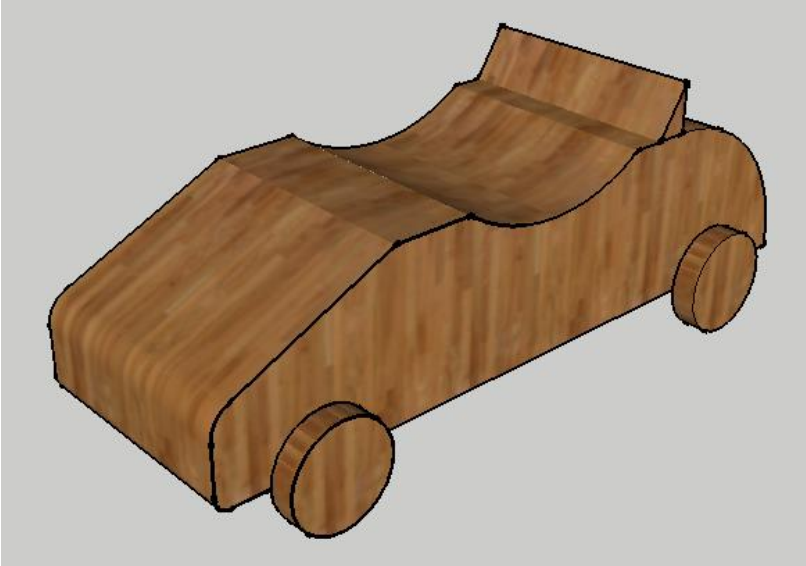
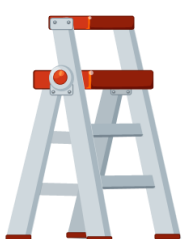

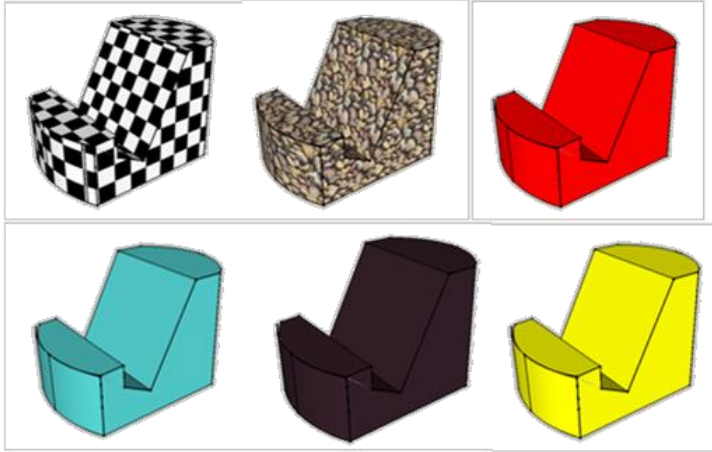
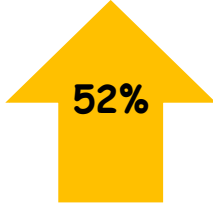
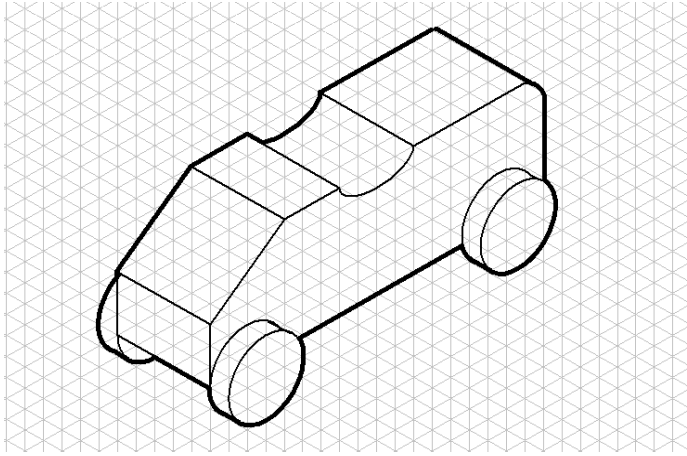
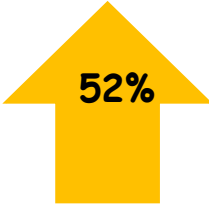
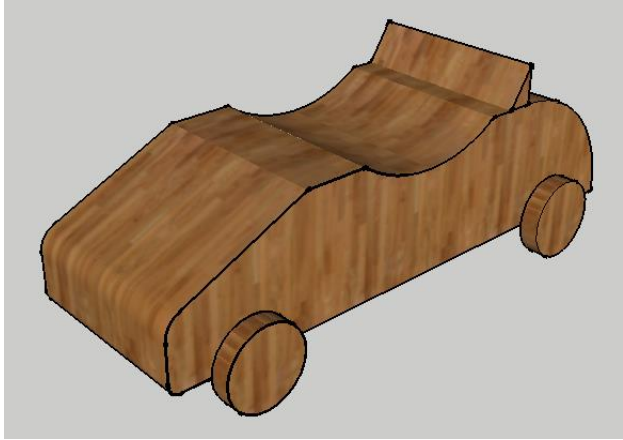

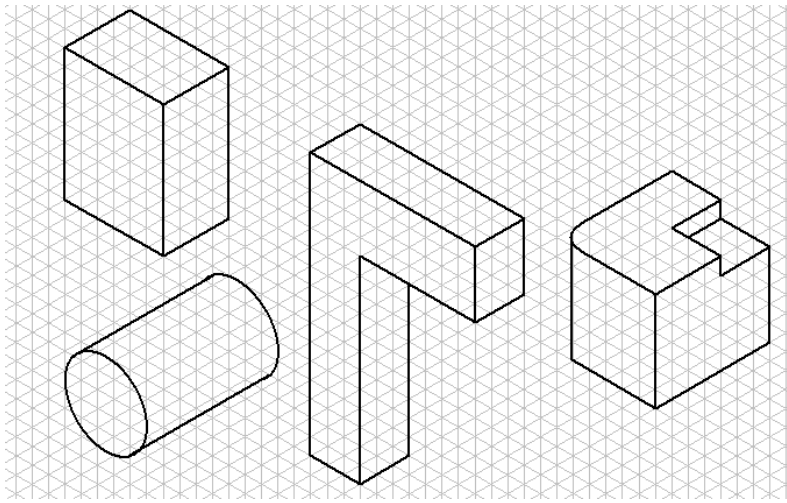
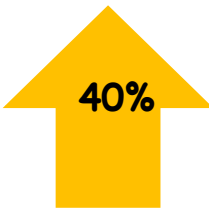
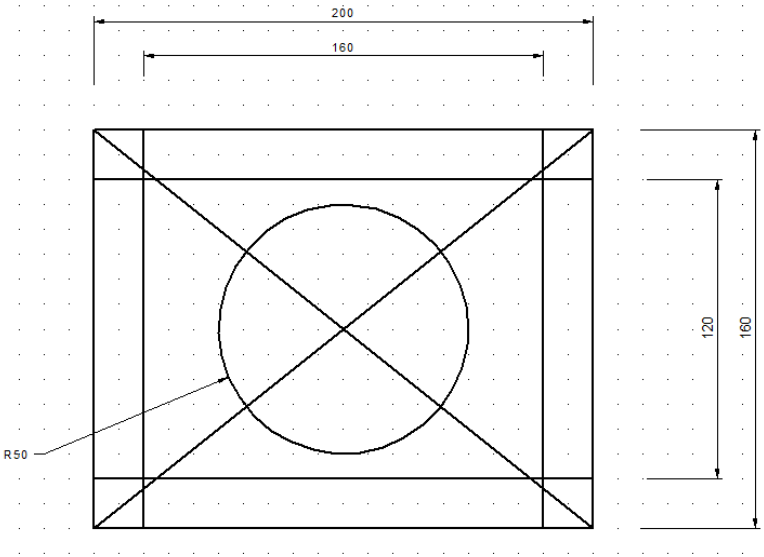


Percentage	I can ...	Prove it!
	<p>I can evaluate the use of CAD to help design products.</p>	<p>Evaluate the use of CAD for F1 teams designing new vehicles. You should mention...</p> <ul style="list-style-type: none"> • Advantages and justify • Disadvantages and justify 
	<p>Pupils will create a final design sheet using "super-imposing"</p>	<p>Create a final design sheet using the image below. Superimpose it onto a background of your choice.</p> 

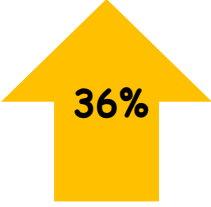
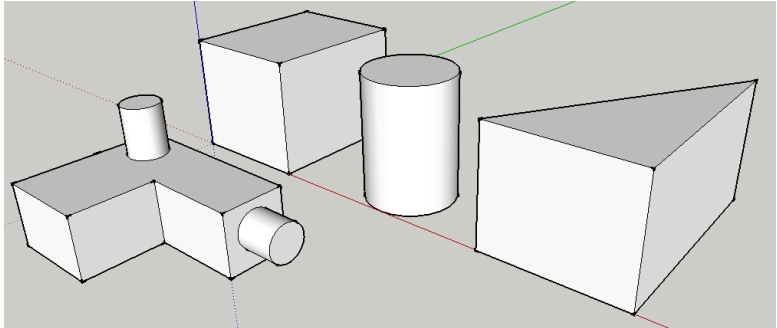
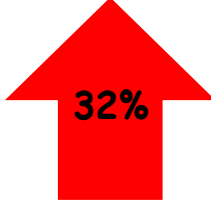
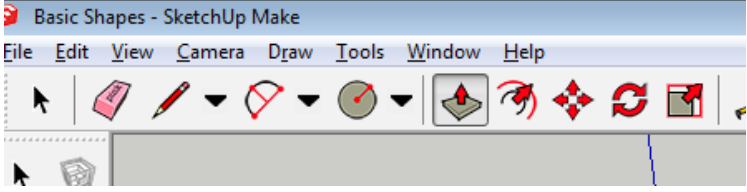



Percentage	I can ...	Prove it!
 <p>56%</p>	<p>Pupils will be able to develop their design ideas using rendering.</p>	<p>Create a design for a simple phone holder. Show the device in 3 different colours and 2 different materials.</p> 
 <p>52%</p>	<p>Pupils will create a 3D isometric drawing of their toy vehicle using "2D Design".</p>	<p>Using "2D design" create a replica drawing of your toy vehicle design.</p> 



Percentage	I can ...	Prove it!
 <p>52%</p>	<p>Pupils will use "Google Sketchup" to translate their toy vehicle design into a 3D CAD model.</p>	<p>Use "Google Sketchup" to create an exact replica of your toy vehicle (example below).</p> 
 <p>40%</p>	<p>Pupils will use "2D Design" to create 3D isometric drawings</p>	<p>Draw the isometric images below using "2D Design".</p> 
 <p>40%</p>	<p>Pupils will use "2D Design" to create scale 2D drawings</p>	<p>Create an exact scale drawing of the shape below. Use the measuring tool to prove the shape is drawn accurately.</p> 



Percentage	I can ...	Prove it!
 <p>36%</p>	<p>Pupils will create simple 3D shapes in "Google Sketchup".</p>	<p>Make a copy of the shapes below in "Google Sketchup".</p> 
 <p>32%</p>	<p>Pupils will understand the basic functions of "Google Sketchup".</p>	<p>Match the icon to the function of "Google Sketchup":</p>  <p>Select Push Pull Rubber Contour Arc Move Circle Draw Rotate</p>
 <p>28%</p>	<p>Pupils will recognise types of CAD</p>	<p>What does CAD stand for? C _____ A _____ D _____</p> <p>List four examples of CAD below.</p> <p>1) _____ 2) _____ 3) _____ 4) _____</p>



Key Words:

Computer Aided Design

Orbit

Pan

Superimpose

Cut & Paste

Radius

Evaluate

Email

Axis

Render

Isometric

Grid

Prototype

Contour

