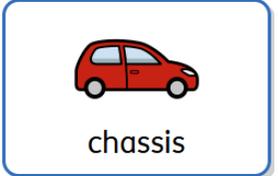
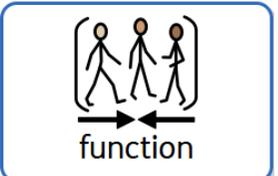
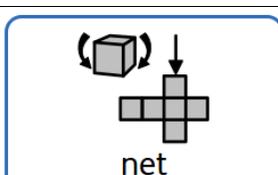
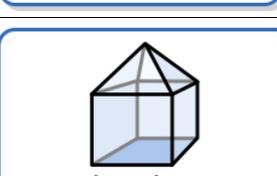


Lesson 1 Can you build a car chassis?	Lesson 2 Can you design a shape that reduces air resistance?	Lesson 3 Can you make a model based on a chosen design?	Lesson 4 Can you assemble and test your completed product?
--	---	--	---

Vocabulary

 aesthetic	How something looks	 air resistance	The level of drag on an object as it is forced through the air	 chassis	The body of a car
 design	To make, draw or write plans for something	 design criteria	A set of rules for designers to follow	 function	The purpose of an object
 graphics	Images which are designed to explain or advertise something	 kinetic energy	The energy that causes an object to move	 net	A flat 2D shape that can be folded to become 3D
 mechanism	The parts of an object that move like a machine	 structure	Something that can stand on its own	<div style="background-color: #ff8c00; color: white; padding: 5px; text-align: center; font-weight: bold;">Which vehicle has the least air resistance?</div> <div style="text-align: center; margin-top: 10px;">   </div>	