

River Bank Primary Knowledge Organiser	Year Five	Autumn Term	Design Technology
Key Vocabulary		Important Facts	
<p>Corrugated: shaped into a series of parallel <u>ridges</u> and <u>grooves</u> so as to give added strength.</p> <p>Preserve: To keep something in it's original condition</p> <p>Present: To show / attract people to something</p> <p>Scoring: To cut or scratch a notch or line on (a surface)</p> <p>Contain: To keep something inside</p> <p>Faces: The surface of a thing</p> <p>Nets: A pattern that you can cut and fold to make a model of a solid shape.</p> <p>Tabs: A small flap or strip of material attached to something else</p> <p>Apertures: A space through which light passes / a gap or hole</p> <p>Ribbing: A rib-like structure or pattern</p>		<ul style="list-style-type: none"> • To understand the four main purposes of food packaging: <ul style="list-style-type: none"> • to protect • to present • to contain • to preserve. • To understand that most cardboard-box packages are made from a 'net' which is a 2D shape which can put together to create a 3D shape. • To understand that scoring helps to create neat folds in a 2D net to create a 3D shape. • To understand that scoring can be conducted using a biro / pair of scissors. • To understand that you score using a ruler and by pressing on lightly and by moving the biro / scissors away from you. • To understand that nets have faces and tabs and apertures. • To understand that there are a variety of ways in which structures can be strengthened and stiffened: <ul style="list-style-type: none"> ○ folding and shaping ○ corrugating ○ ribbing ○ laminating ○ Gluing • To understand that when designing a product, you need to consider: <ul style="list-style-type: none"> ○ Purpose_(what it is being designed for) ○ Who will your product be for? 	

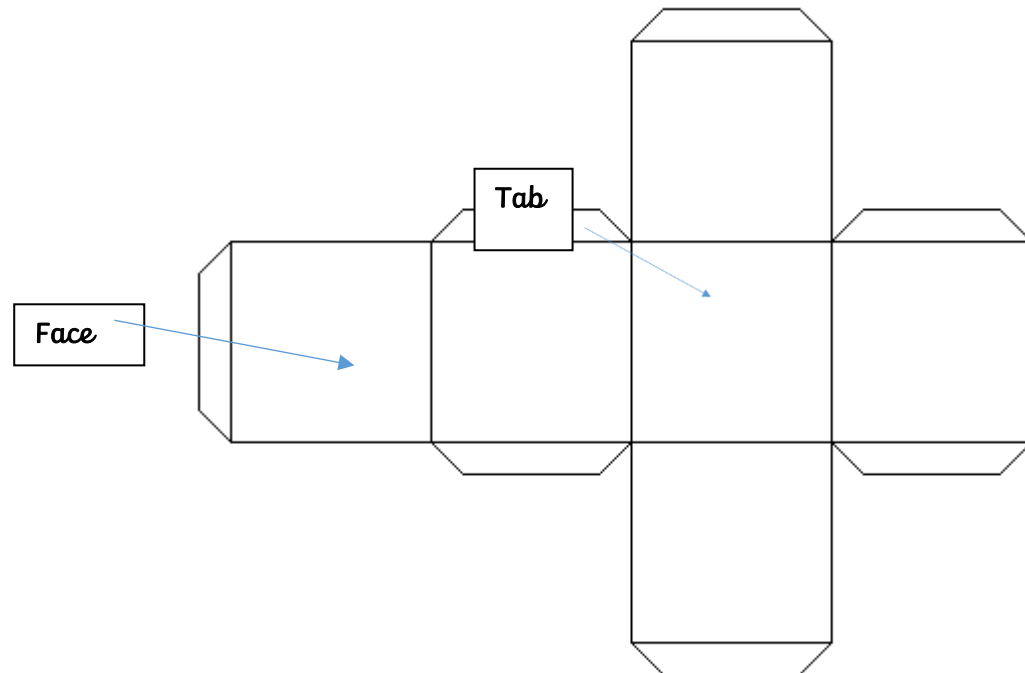
- What does the product need to do (present, protect, preserve, contain)
- To understand that when evaluating a DT project, it is important to do this against the design specification.

Image Bank

Various Packaging



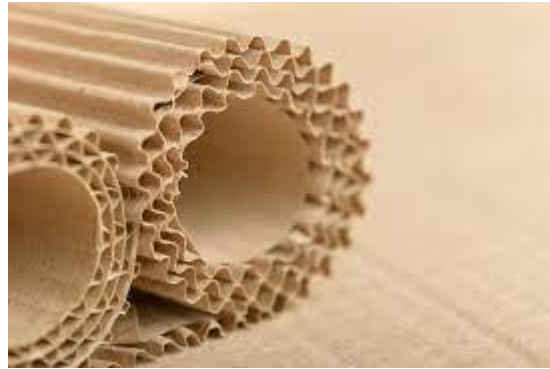
Image of a net



Aperture in Packaging



Corrugating in Packaging



Scoring

