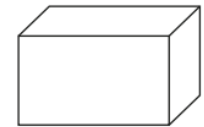
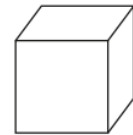
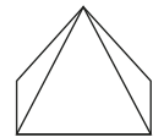
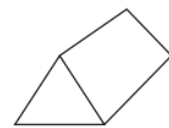
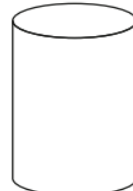
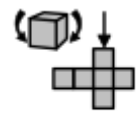


The Marist Primary School		Knowledge Organiser				
Year 3 Autumn: Structures – Product packaging		Key Question: Can I follow a brief to design and create a product packaging?				
Lesson 1 Can I explore product packaging?	Lesson 2 Can I design nets for 3D product packaging?	Lesson 3 Can I review and improve net designs for packaging?	Lesson 4 Can I make a 3D structure to package a healthy snack?	Lesson 5 Can I decorate and evaluate my packaging?		
Vocabulary						
 accurate	Correct, exact and without mistakes.	 function	The purpose that something is designed to do.	 three-dimensional	An object that is not flat but has height, width and depth.	Product packaging can be made in different 3D shapes. Some examples are:  cuboid  cube  square-based pyramid  triangular pyramid  cone  cylinder
  computer-aided design	A computer program that helps people draw and design things on the screen instead of on paper.	 net	The flat shape made when a 3D shape is unfolded.	 form	The shape or structure of something.	
 feedback	Helpful information that says what works well and how something can be improved.	 shell-structure	A hollow shape with a thin outer layer	tab	Small flaps on the sides of a net that are taped or folded and glued so a 3D shape holds together.	