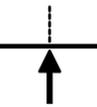


The Marist Primary School Year 6 Spring 1: Digital World: Navigating the World	Knowledge Organiser Key Question: Can you explore how smart products can combine multiple technologies to support navigation and sustainability?	
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Lesson 1 Can you write a design brief and criteria based on a client request?	Lesson 2 Can you write a program to include multiple functions as part of a navigation device?	Lesson 3 Can you develop a sustainable product concept?	Lesson 4 Can you develop 3D CAD skills to produce a virtual model?	Lesson 5 Can you present a pitch to 'sell' the product to a specified client?
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Vocabulary

 biodegradable	Materials that break down and become part of the soil	10 boolean	Data consisting of 1s and 0s	 environmentally friendly	Does not harm nature
 finite	Limited in number	... if statement	To instruct a program to respond based on two or more conditions	 mouldable	Can be made into any shape
 product lifestyle	How long an object is expected to last	 product lifespan	How long an object will last	<p style="text-align: center; color: white;">Sometimes we need multiple products to help us achieve something. This can be a lot to carry especially if you are trekking.</p> 	
 smart	A device with processing capabilities	 sustainable	Can be maintained		