

# YEAR 8 CURRICULUM PLAN FOR TECHNOLOGY (RM)



TOPIC	KEY LEARNING	ASSESSMENT
Prototype GPS device including a Specification and Evaluation.	<ul style="list-style-type: none"> <li>○ Understand why prototypes are important in the design process</li> <li>○ Be able to use equipment safely, accurately, and independently</li> <li>○ Understand how to evaluate your prototype and why this is important</li> </ul>	Research ergonomic products which are handheld. Design a packaging background for your blister pack. Revise for class test.
Developments in Material Technology (1) Smart Materials / Design Considerations	<ul style="list-style-type: none"> <li>○ Be able to name the 6 different smart materials, understand their uses.</li> <li>○ Be able to use the key words 'Ergonomics' &amp; 'Anthropometrics' in the context of a Specification.</li> <li>○ Use Polymorph in a practical application.</li> </ul>	Photograph and print a picture of a product in your home which has taken Anthropometric data into account to make it ergonomic. GCSE style question Revise for class test.
Developments in Material Technology (2) Extended Reading & Writing task.	<ul style="list-style-type: none"> <li>○ To be able to read an article on 'Developments in Material Technology' and answer the associated questions.</li> </ul>	Question and answer sheet.  Revise for class test.