

Your journey continues at KS4

**KEEP CALM  
RETRIEVAL  
MAKES  
PERMANENT**

Work in more depth on projects, honing your practical skills, improving your resilience & problem solving whilst developing independence in the workshop.



**KEEP CALM  
RETRIEVAL  
MAKES  
PERMANENT**

**YEAR 8 ROTATION**  
TERM 1 SEPT – DEC  
TERM 2 JAN – APR  
TERM 3 MAY – JUL

Work in more depth on projects, honing your practical skills, improving your resilience & problem solving whilst developing independence in the workshop.

**YEAR 7 ROTATION**  
TERM 1 SEPT – DEC  
TERM 2 JAN – APR  
TERM 3 MAY – JUL

Experience a wide range of fun and exciting projects that teach you valuable skills in the workshop, understanding different materials and how they work.

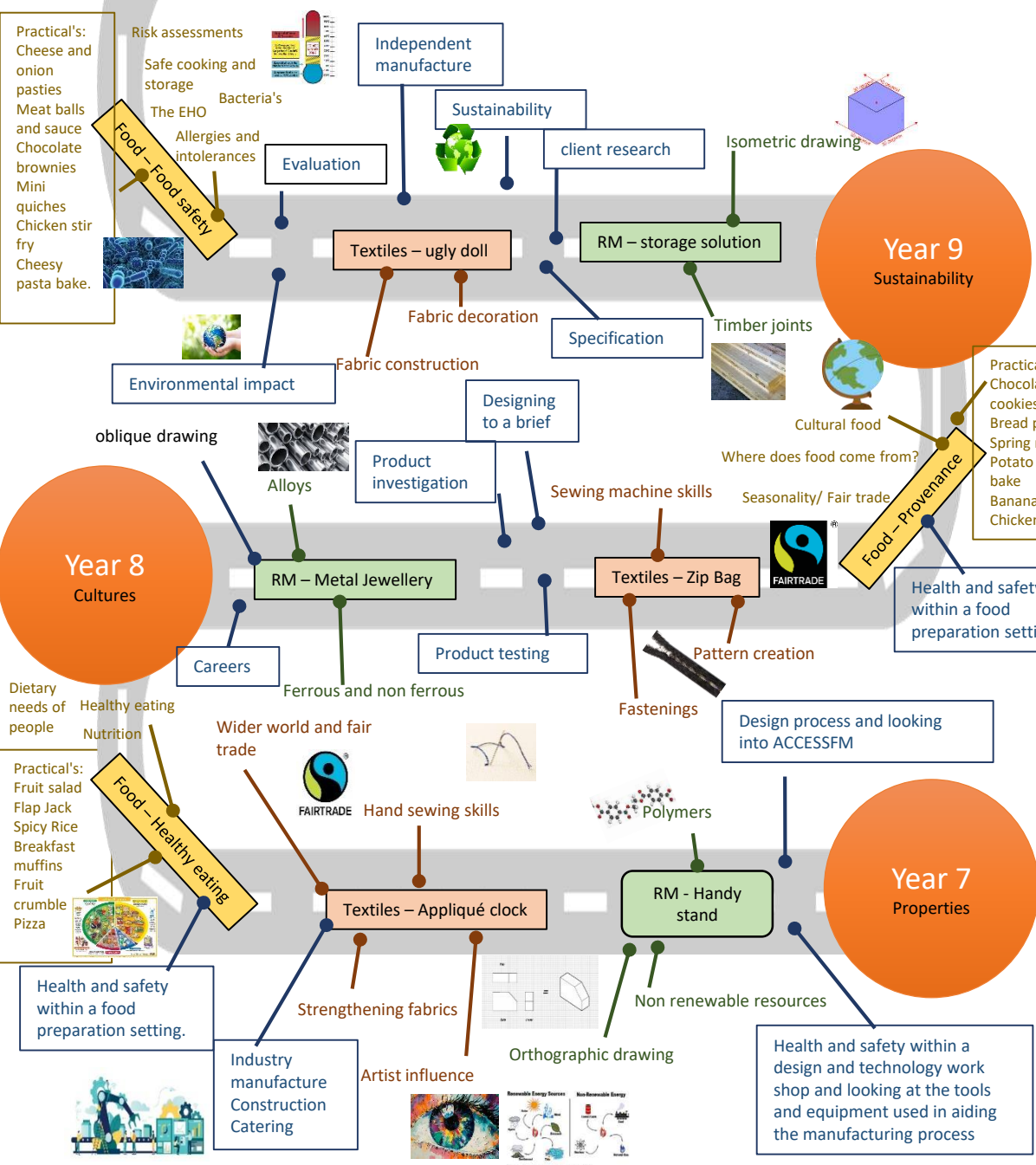
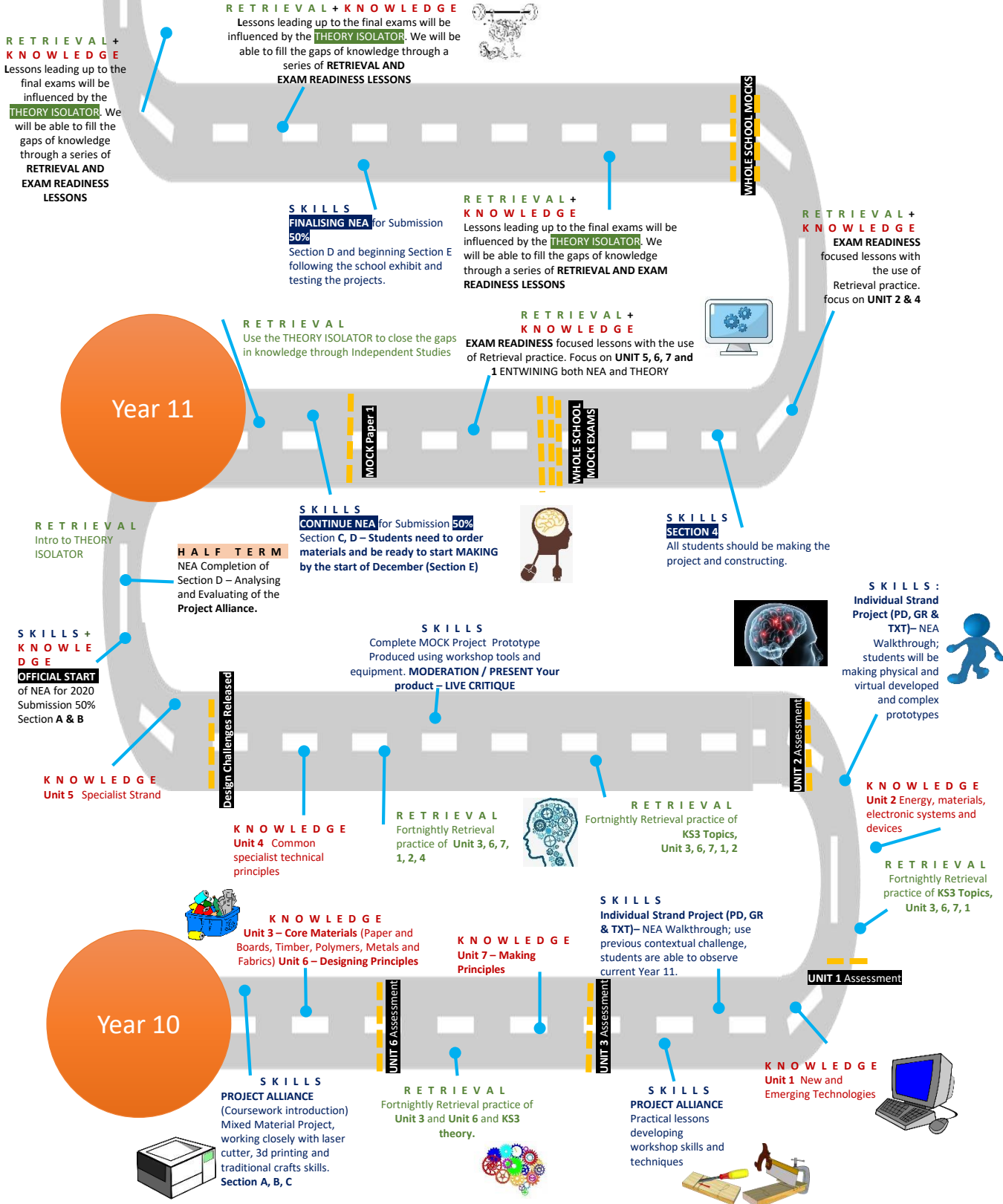


Figure 1. Renewable and non-renewable energy sources.

### ASSESSMENT OBJECTIVE WEIGHTINGS FOR GCSE DESIGN AND TECHNOLOGY

10% NEA	30% NEA	10% NEA	10% EXAM	40% EXAM
<b>AO1:</b> Identify, investigate and outline design possibilities to address needs and wants.	<b>AO2:</b> Design and make prototypes that are fit for purpose.	<b>AO3:</b> Analyse and evaluate: <ul style="list-style-type: none"> <li>design decisions and outcomes, including for prototypes made by themselves and others</li> <li>wider issues in design and technology.</li> </ul>		<b>AO4:</b> Demonstrate and apply knowledge and understanding of: <ul style="list-style-type: none"> <li>technical principles</li> <li>designing and making principles.</li> </ul>

Your journey continues at KS5



### EXAM BREAKDOWN

<b>Section A – Core technical principles (20 marks)</b> A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding	<b>Section B – Specialist technical principles (30 marks)</b> Several short answer questions (2–5 marks) and one extended response to assess a more in depth knowledge of technical principles.	<b>Section C – Designing and making principles (50 marks)</b> A mixture of short answer and extended response questions.	<ul style="list-style-type: none"> <li>Written exam: 2 hours</li> <li>100 marks</li> <li>50% of GCSE</li> </ul>
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FINAL

### NEA BREAKDOWN

SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6
Identifying and investigating design possibilities	Design Brief and Specification	Generating Design Ideas	Developing Design Ideas	Realising Design Ideas	Analysing and Evaluation
10 MARKS	10 MARKS	20 MARKS	20 MARKS	20 MARKS	20 MARKS