

DT Department Learning Programme

Curriculum Intent:

- Our learning programme has five strands
 - **Knowledge** – establishing a rich knowledge base from which creativity can flourish
 - **Designing** – encouraging opportunities for creativity and planning skills
 - **Making**- applying creativity and knowledge to real world concepts
 - **Evaluating**- reflecting on processes and performance
 - **Critiquing**- applying our learning and reflecting upon the work of others
 - **Responsibility** – understanding the benefits and drawbacks of technology and its impact on society

Y7	Y8	Y9
Knowledge: The Eatwell Guide Designing: A balanced snack to a specification Making: A balanced snack Evaluating: evaluating against a specification Critiquing: healthy choices Responsibility: sustainability	Knowledge: macronutrients Designing: a pasta meal Making: a pasta meal Evaluating: specification recap from Y7 Critiquing: special diets Responsibility: cultural choices	Knowledge: micronutrients Designing: nutrient balance Making: fajita meal Evaluating: sensory analysis Critiquing: allergies Responsibility: food provenance
Knowledge: simple circuits Designing: a switch circuit Making: an LED torch Evaluating: quality assurance Critiquing: product analysis Responsibility: disposability	Knowledge: input/ process/ output Designing: circuit diagrams Making: light sensor circuit Evaluating: testing Critiquing: control circuits in action Responsibility: obsolescence	Knowledge: flowcharts Designing: systems Making: mood light Evaluating: modifications Critiquing: AI Responsibility: mobile phone use
Knowledge: energy needs Designing: sketching ideas Making: granola bar Evaluating: product comparison Critiquing: food advertising Responsibility: food waste	Knowledge: energy needs Designing: sequencing Making: burrito Evaluating: nutritional analysis Critiquing: food in the present Responsibility: food in world religions	Knowledge: nutritional analysis (recap) Designing: laminated pastry Making: pasty Evaluating: RDA Critiquing: dietary illnesses Responsibility: farming methods
Resources to support your child		
https://www.foodafactoflife.org.uk/ https://www.bbcgoodfood.com/ https://www.bbc.co.uk/bitesize/subjects/z23vkhv https://www.technologystudent.com/ https://www.tinkercad.com/	https://www.foodafactoflife.org.uk/ https://www.bbcgoodfood.com/ https://www.bbc.co.uk/bitesize/subjects/z23vkhv https://www.technologystudent.com/ https://www.tinkercad.com/	https://www.foodafactoflife.org.uk/ https://www.bbcgoodfood.com/ https://www.bbc.co.uk/bitesize/subjects/z23vkhv https://www.technologystudent.com/ https://www.tinkercad.com/