| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---|---|---|---|---|---|---|
| 7 | **Food**<br>Hygiene and safety.   Eatwell guide/healthy eating.  Knife skills/how and why we cook food.  Cereals and staple foods.  Milk and dairy.  Meat and fish.  Eggs | | | | | |
| 8 | **Food**<br>Food choice and nutrition.  Bread.  Functions of ingredients; pastry/cakes/gelatinisation.  Multicultural influences.  Availability of food | | | | | |
| 7 | **Rotation 1: Siege Weapons**<br>Health and Safety in the workshop<br>Basic Joints – Use of hand tools in the workshop<br>Working Drawings<br>Collaborative designing<br>Making Skills – focus on Wood | **Rotation 2: Elements**<br>2 dyeing techniques – tie dye & batik<br>2 printing techniques – stencilling & block<br>Safe and correct use of the Sewing Machine<br>Core design skills | **Rotation 3: IT**<br>Logging in<br>Email safety<br>Practicing email<br>Internet searching and sourcing<br>Microbit Programming<br>Block Editing<br>Logic Statements<br>Inputs and Outputs | **Rotation 4: Enterprise**<br>Research topic skills<br>Computer Aided Design<br>Computer Aided Manufacture<br>Vacuum Forming<br>Logo Development<br>Marketing | **Rotation 5: Film & Media**<br>What is media?<br>Denotative & connotative meanings<br>Media Language – Mise-en-scene, Cinematograpy, Editing & Sound<br>Genre Conventions<br>Planning a TV Drama<br>Producing a digital storyboard | |
| 8 | **Rotation 1: Automata**<br>Modelling Skills<br>Cam Mechanisms<br>Material use – Manufactured Boards and Natural Timbers<br>CAD/CAM - linkages | **Rotation 2: Sustainable Design**<br>Electronic component symbols<br>Environmentally conscious design – 6R's<br>Design – sketching & CAD<br>Paper making<br>Reecycling plastics | **Rotation 3: Upcycling**<br>Factors influencing design<br>Product Branding<br>Environmental issues associated with manufacture of denim<br>Design and Manufacture of upcycled denim product | **Rotation 4: IT**<br>Impact of Robotics<br>Vex Programming<br>Block Editing<br>Logic Statements<br>Inputs and Outputs | **Rotation 5: Film & Media**<br>Conventions of Film Posters<br>Media Language<br>Historical Contexts<br>Representation<br>Regulation<br>Marketing<br>DVD Cover Design | |