



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<u>Rotation 1: Chocolate</u> Research topic skills Computer Aided Design Computer Aided Manufacture Vacuum Forming Logo Development Marketing	<u>Rotation 2: Film & Media</u> What is media? Denotative & connotative meanings Media Language – Mise-en-scene, Cinematography, Editing & Sound Genre Conventions Planning a TV Drama Producing a digital storyboard	<u>Rotation 3: Cushion</u> Dyeing techniques – tie dye Block printing Safe and correct use of the Sewing Machine Core design skills	<u>Rotation 4: IT</u> E-safety Logging in and emails PowerPoint skills Word Skills Video editing skills. Micro bit Programming (Block coding)	<u>Rotation 5: Food</u> 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	<u>Rotation 1: Product Design</u> Client-centred design & product analysis Design specifications & idea development CAD/CAM – Tinkercad & 3D printing Polymers – properties & applications Circular economy & plastic recycling Manufacture using recycled HDPE	<u>Rotation 2: Film & Media</u> Conventions of Film Posters Media Language Historical Contexts Representation Regulation Marketing DVD Cover Design	<u>Rotation 3: Pencil Case</u> Reviewing Sewing machine skills Decorative technique; - Hand sewing – Applique - Using paints and fabric pens - Sewing machine stitch types - Buttons, sequins and embroidery Making of a pencil case Core designing skills	<u>Rotation 4: IT</u> Impact of Robotics The difference between ethics and morals Python programming using Hedy.	<u>Rotation 5: Food</u> Food choice and nutrition. Bread. Functions of ingredients; pastry/cakes/gelatinisation. Multicultural influences. Availability of food	<u>Rotation 6: Surface</u> Branding Surface techniques: Heat Transfer, Applique and Bondaweb, Embroidery Knowledge and Understanding: Timber, Textiles, printing methods, paper & board