

Curriculum Coverage

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p style="text-align: center;">Marvellous Me</p> <p>Art: Drawing DT project : Building my home Focus: Plan, do review</p>	<p style="text-align: center;">There's no place like Space</p> <p>Art: Painting DT project: Focus: Plan, do review</p>	<p style="text-align: center;">People who help us</p> <p>Art: Drawing DT project: junk model emergency vehicles Focus: Plan, do review</p>	<p style="text-align: center;">Dinosaurs</p> <p>Art: Printing DT project: Focus: Plan, do review</p>	<p style="text-align: center;">Out in the Garden</p> <p>Art: Sculpture (salt dough/playdoh) DT project: Focus: Plan, do review</p>	<p style="text-align: center;">Sailing the Seven Seas</p> <p>Art: Sculpture (3D art) DT project: Focus: Plan, do review</p>
Y1	<p style="text-align: center;">Me and My Wonderful world</p> <p>Art: Drawing (4 lessons)</p> <p>Focus: That a brief is designing something to meet it. DT Project:: Designing, making and evaluating-fruit smoothie (3 lessons) Famous designer/ inventor :inspiration from Nancy Johnson (Ice cream maker)</p>	<p style="text-align: center;">Heroes and Villains</p> <p>Focus: Evaluate products against a brief DT Project: Designing, making and evaluating - traditional tale puppets (link with literacy traditional tales) Famous designer / inventor: Charles Macintosh – waterproof fabric</p>	<p style="text-align: center;">Let it Snow</p> <p>Art focus</p>	<p style="text-align: center;">India</p> <p>Focus: That a brief is designing something to meet it DT Project: Designing, making and evaluating- 3D Indian elephants with either moving ears or tail (levers). Famous designer / inventor: Inspired by Designer: Will Kurtz - life-sized animal paper mache sculptures with moving parts.</p>	<p style="text-align: center;">Woodland Wanderers</p> <p>Focus: Evaluate products against a brief DT Project: making a hanging moving bird feeder using natural resources creating a pivot so that is moves.</p>	<p style="text-align: center;">Castles</p> <p>Art focus</p>
Y2	<p style="text-align: center;">Great Fire of London</p> <p>Art focus</p>	<p style="text-align: center;">Beasts and Dragons</p> <p>Focus: They identify an audience for their design. DT Project: Designing, making and evaluating – making a moving picture incorporating dragons and mythical beasts within the design brief. Famous designer / inventor: inspiration from Robert Sabuda</p>	<p style="text-align: center;">Under the Sea</p> <p>Art focus</p>	<p style="text-align: center;">Under the Sea</p> <p>Focus: They identify an audience for their design. Design criteria and linking scientific knowledge of materials and their properties to choosing materials in design DT Project: Designing, making and evaluating – self-propelled boats. Famous designer / inventor: investigating Maria Beasley life raft inventor.</p>	<p style="text-align: center;">Explorers and Journeys</p> <p>Art focus</p>	<p style="text-align: center;">Explorers and Journeys</p> <p>Focus: Evaluate products against the design criteria DT project – Designing, making and evaluating – a healthy explorers picnic. Media: variety of cooking ingredients Famous designer / inventor: Investigating John Montague (Earl of sandwich)</p>
Y3	<p style="text-align: center;">Stone Age to Iron Age</p> <p>Art focus</p>	<p style="text-align: center;">Uk and its Counties</p> <p>Art focus</p>	<p style="text-align: center;">European study compare Dorset and Andalucía Spain</p> <p>Focus: Evaluate strengths and weaknesses in their design DT project: Designing, making and evaluating a healthy bread Famous Chef: Paul Hollywood English baker Text: Paul Hollywood - Bread</p>	<p style="text-align: center;">Boudicca (The Romans)</p> <p>Art focus</p>	<p style="text-align: center;">Rainforests (Mayans)</p> <p>Focus: Brief specifies a user / audience. Function and appearance. Annotated plans and establishing success criteria DT Project: Designing, making and evaluating – Slingshot cars. Famous inventor/engineer: Carl Benz –the car</p>	<p style="text-align: center;">Rainforests</p> <p>Focus: Brief specifies a user / audience. Function and appearance. Annotated plans and establishing success criteria DT Project: Designing, making and evaluating –Mechanical Systems: Pneumatic toys Famous Inventor: John Boyd Dunlop- invented the first pneumatic tyre for his son's tricycle.</p>
Y4	<p style="text-align: center;">Ancient Shang Dynasty</p> <p>Art focus</p>	<p style="text-align: center;">Ancient Greek Life</p> <p>Focus: Brief specifies user / audience. Taking into account resources available and time. Multiple design ideas and justification of choices DT Project: Develop their understanding of mechanical systems. Making different types of lever and linkage mechanisms. Sketch a design based on their ideas, make a prototype using recycling material, and then create their 'Lever and Linkage Poster. Evaluate finished product Famous designer / inventor/engineer: Henry Ford -Mass car production</p>	<p style="text-align: center;">Britain settlements by Anglos Saxons and the Scots</p> <p>Art focus</p>	<p style="text-align: center;">Britain settlements by Anglos Saxons and the Scots</p> <p>Focus: Brief specifies user / audience. Taking into account resources available and time. Multiple design ideas and justification of choices. DT Project: Eating seasonally - Children discover when and where fruits and vegetables are grown and also learn about seasonality in the UK. They will also learn about the relationship between the colour of fruits and vegetables and their health benefits by making three dishes using seasonal ingredients. Famous Chef: Jamie Oliver – his plight to make school dinners healthier and Marcus Rashford who campaigned to end child food poverty.</p>	<p style="text-align: center;">Natural Disasters</p> <p>Art focus</p>	<p style="text-align: center;">Natural Disasters</p> <p>Focus: Evaluate strengths and weaknesses in their design and manufacture. DT project: Designing, making (sewing –fabric) and evaluating – juggling balls. Famous designer: Dame Vivienne Westwood DBE RDI English fashion designer.</p>
Y5	<p style="text-align: center;">World War 2</p> <p>Focus: Brief specifies specific user / audience. Appeal of a product including cost, appearance, functionality and sustainability. DT Project: Designing, making and evaluating – a war time meal using rationing and following war time recipes. (4 lessons) Famous Chef: Mary Berry</p>	<p style="text-align: center;">World War 2</p> <p>Art focus</p>	<p style="text-align: center;">The Americas</p> <p>Art focus</p>	<p style="text-align: center;">The Americas</p> <p>Focus: Mid project reviews. Evaluate their product for overall appeal (e.g. functionality, appearance, cost, sustainability) as well as ability to meet design criteria. DT Project: Learning about different types of bridges, exploring how the strength of structures can be affected by the shapes used. Creating their own wooden bridge and test its durability. Famous engineer / inventor: Brunel</p>	<p style="text-align: center;">Space Race – linked to science topic earth space and beyond</p> <p>Art focus</p>	<p style="text-align: center;">Volcanoes and the Pacific Ring of Fire</p> <p>Focus: Brief specifies specific user / audience. Appeal of a product including cost, appearance, functionality and sustainability. DT Project: Designing, making and evaluating –a flying kite Famous designer/ engineer / inventor: How Homan Walsh used a kite to help build the Niagara Falls Bridge. Wright brothers – inventors of the aeroplane</p>
Y6	<p style="text-align: center;">Countries of Africa</p> <p>Art focus</p>	<p style="text-align: center;">Countries of Africa</p> <p>Focus: Evaluation against cost, sustainability of materials, longevity, appearance, and whether it addresses previously identified design flaws in existing products. DT Project: Designing, making and evaluating – researching structures and making their own marble run inspired product against a brief. Famous designer / inventor: Tom Karen, OBE: the man that designed the Chopper bike and Marble Run.</p>	<p style="text-align: center;">Climate change</p> <p>Art focus</p>	<p style="text-align: center;">Climate change</p> <p>Focus: Introduce prototypes and market research. Cross sectional diagrams DT Project: Designing, making and evaluating – Automata Animals. Famous designer/ engineer / inventor: Leonardo Da Vinci - Different vehicles and Kirkpatrick Macmillan - Pedal bike.</p>	<p style="text-align: center;">Victorians</p> <p>Art focus</p>	<p style="text-align: center;">The impact of humans on the world</p> <p>Focus: Evaluation against cost, sustainability of materials, longevity, appearance, and whether it addresses previously identified design flaws in existing products. DT Project: Food: Come Dine with Me. Children research and prepare a three-course meal. Research the journey of their main ingredient from 'farm to fork' (4 sessions)</p> <p>Focus: Introduce prototypes and market research. Use of computer aided design DT Project: Electrical systems: Electronic cards incorporate electrical circuits into products (4 sessions) Famous designer / inventor: Thomas Edison Phonograph, motion picture, lightbulb, Lewis Lattimer, Sir Rowland Hill</p>