

Design & Technology Curriculum Map.

| Early Years | | | | | |
|--|-----------------|--|-----------------|---|-----------------|
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| Select and describe materials and their properties | | Identify and use simple construction tools and equipment, including food preparation equipment Eggmobiles | | Work collaboratively towards design outcomes using language and evaluation | |
| Year 1 | | | | | |
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| Rockets <i>How can a structure be made stronger?</i> Selecting tools, measuring, joining | | Eggmobiles <i>How can I transport something safely?</i> Design and build a vehicle to move an egg safely Mechanisms – wheels, axles and slides | | Houses and Shelters <i>Where do people live?</i> What different materials make good shelters? Joining, finishing, evaluating | |
| Year 2 | | | | | |
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| Moving Vehicles <i>What materials make good boats?</i> Recycled material model boats Planning, drawing, selecting materials, joining, evaluating | | Tudor Houses <i>How could a building survive the fire?</i> Investigating historical construction and materials Measuring, cutting, joining, finishing Eggmobiles | | Textiles <i>How can I show a story?</i> Felt puppets – planning, cutting, measuring, sewing Food Tech Fruit smoothie – cutting, mixing, hygiene, evaluating | |

| Year 3 | | | | | |
|--|-----------------|--|-----------------|--|-----------------|
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| <p>Stone Age Tools <i>How did stone age people survive?</i> Choosing materials, working safely, measuring and cutting accurately, evaluating</p> | | <p>Canopic Jars <i>What things did Egyptians care for?</i> Planning and drawing, properties of different materials, measuring, finishing techniques, evaluation Eggmobiles</p> | | <p>Rainforest Puppets <i>How can I represent nature?</i> Planning, drawing, making and improving Mechanical systems, joints and hinges Textile skills including sewing</p> | |
| Year 4 | | | | | |
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| <p>Roman Shields <i>How can I protect my friends?</i> Testing and selecting materials, joining, finishing, questioning users and evaluating</p> | | <p>Viking Jewellery <i>What makes something valuable?</i> Drawing, building, finishing and evaluating against plans Sharing techniques Eggmobiles</p> | | <p>Pontoon Bridges <i>How can I carry a load across a river?</i> Incorporating mechanical systems, using recycled materials, evaluating using repeated tests</p> | |
| Year 5 | | | | | |
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| <p>Food Tech <i>What did people of Benin eat?</i> Food of Benin – weighing and measuring accurately, using equipment safely <i>Demas Nwoko</i></p> | | <p>Eggmobiles <i>Can I make a vehicle fast, safe and durable?</i> Drawing, labelling and planning accurately, incorporating mechanical systems, testing and evaluating, strengthening and finishing confidently</p> | | <p>Shakespeare <i>How can I make an impressive prop for my play?</i> Research and discussion to develop criteria, collaborative design, selecting and joining materials, evaluating for an audience</p> | |

| Year 6 | | | | | |
|---|-----------------|--|-----------------|---|-----------------|
| Autumn | | Spring | | Summer | |
| 1 st | 2 nd | 1 st | 2 nd | 1 st | 2 nd |
| <p>Architecture of Baghdad What did Early Islamic civilisation look like? Evaluate designs of key individuals, use research and develop criteria, record evaluations and suggest modifications</p> <p><i>Zaha Hadid</i></p> | | <p>Greek Pots How can I make something that will last? Draw and plan accurately, confidently prepare materials, construct using permanent joining techniques, finish to a high standard</p> <p>Eggmobiles</p> | | <p>Topographical Map How can I make a map of Foxlease that everyone can use? Considering different users, accurate drawing and finishing, choice of materials, finishing techniques including ICT</p> | |