



Year 5-6 Long Term Foundation Curriculum Coverage

Year 5/6 Cycle A: 2021-2022 / 2023-2024 / 2025-2026: DT

| Term 1 | Term 2 | Term 3 & 4 | Term 5 | Term 6 |
|---|---|--|--|--|
| Stargazers | Revolution | Frozen Kingdom | Blood Heart | Pharaohs |
| <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> <p>KS2:DT E 2- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p> | <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> <p>KS2:DT E 3- Understand how key events and individuals in design and technology have helped shape the world</p> | <p>KS2:DT TK 1- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> | <p>KS2:DT M 1- Select from and use a wider range of tools and equipment to perform practical tasks</p> <p>KS2:DT D 1- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</p> <p>KS2:DT D 2- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>KS2:DT CN 2- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>KS2:DT TK 1- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> | <p>KS2:DT CN 3- Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> |



Year 5-6 Long Term Foundation Curriculum Coverage

Year 5/6 Cycle B: 2020-2021 / 2022-2023 / 2024-2025: DT

| Term 1 | Term 2 | Term 3 & 4 | Term 5 | Term 6 |
|--|--|--|---|--|
| Hola Mexico | A Child's War | Alchemy Island | Scream Machine | Beast Creator |
| <p>KS2:DT CN 1- Understand and apply the principles of a healthy and varied diet</p> <p>KS2:DT CN 2- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> | <p>KS2:DT CN 2- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>KS2:DT TK 1- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p> | <p>KS2:DT TK 3- Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p> <p>KS2:DT D 1- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</p> <p>KS2:DT D 2- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> | <p>KS2:DT D 1- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</p> <p>KS2:DT D 2- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>KS2:DT TK 4- Apply their understanding of computing to program, monitor and control their products.</p> <p>KS2:DT TK 2- Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]</p> <p>KS2:DT E 2- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p> <p>KS2:DT CN 2- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> | <p>KS2:DT M 2- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> |