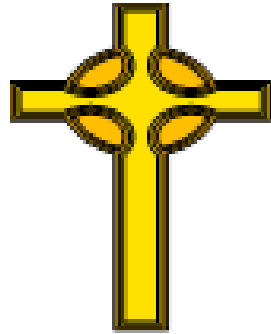


Holy Cross Catholic Primary School



Design Technology Curriculum Map 2020 – 2021

We care, we share, we value.

| | Autumn | | Spring | | Summer | |
|------------------|---|---|--|---|--|--|
| Nursery | <ul style="list-style-type: none"> • Paper plate masks • Using tools safely | | <ul style="list-style-type: none"> • Using tools for a purpose • Building enclosures for a purpose • Build structures/models in collaboration with peers • Adapt work | | <ul style="list-style-type: none"> • Talk about how things change • Repeating patterns | |
| Reception | <ul style="list-style-type: none"> • Uses simple tools and techniques competently and appropriately. • Selects appropriate resources and adapts work where necessary. | | <ul style="list-style-type: none"> • They safely use and explore a variety of materials, • They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role- play and stories. | | <ul style="list-style-type: none"> • They safely use and explore a variety of materials, • They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role- play and stories. | |
| Year 1 | | FREE STANDING STRUCTURES Design & make e.g. a bug home, playground structure, a chair for a character | | SLIDES and LEVERS: EASTER CARD Design, make, evaluate Easter cards with moving parts Research books using similar e.g. Maisy Mouse | FOOD & NUTRITION PREPARING FRUIT & VEG FRUIT BASED – inc those found in different continents and link to science and Geography | |
| Year 2 | FOOD & NUTRITION Dishes using UK fruit and/or veg e.g. salad veg used | | | TEXTILES – templates and joining 2 pieces Bookmark - 2 pieces joined with stitched decoration | WHEELS & AXLES Design & make car/toy /vehicle with wheels | |

| | | | | | | |
|---------------|--|--|---|--|---|---|
| | to make a healthy salad Veg based e.g. Rainbow Couscous | | | | FAMOUS DESIGNER: Sir Alec Issigonis FAMOUS TOY MAKER: Hornby/ Matchbox manufacturer MATTEL inc | |
| Year 3 | | MECHANICAL SYSTEMS: LEVERS & LINKAGES Eg poster/ information book connected to science | TEXTILES: 2D shape to 3D product Make juggling balls for 'Leon and the Space Between, | | FOOD & NUTRITION: HEALTHY & VARIED DIET Mediterranean salad using cheese/egg/fish Or Mini frittatas | |
| Year 4 | FOOD Sandwiches – different kinds of sandwich for a packed or school lunch: wrap, bread, pitta. School kitchen could set up as a competition/ challenge. Exploded diagrams | | ELECTRICAL SYSTEMS Design & make nightlight/reading lamp reflecting own hobby/user's interests. Link to science and D&T Market research Exploded diagrams | EXTRA FOOD: Hong Kong. Short unit. | | SHELL STRUCTURES design & make a sound box Applying science from SU 1 |

| | | | | | | |
|--------|---|---|--|--|---|---|
| Year 5 | | FRAME STRUCTURES Geography – creating bird homes and bird feeders – to enhance school environment | FOOD & NUTRITION CELEBRATING CULTURE & SEASONALITY Halloumi kebabs [Short Unit] | ART: 3D PLACTICS SCULPTURE | CAD and textiles Combining different material shapes using CAD Mobile phone cover – Mayan design | |
| Year 6 | ELECTRICAL SYSTEMS & MECHANICAL SYSTEMS e.g. fairground ride, board game, controllable toy vehicle, window display with moving part | | | FOOD & NUTRITION CELEBRATING CULTURE & SEASONALITY Food from distant places e.g. tandoori chicken kebabs | | Fashions and designers over time in tops: making recycled clothes and fashion show Designers over time in the field of fashion: e.g. Westwood Design and make a clothing product by recycle materials |