

Design and Technology Long Term Plan



| | Autumn Term | | Spring Term | | Summer Term | |
|-----------|---|--|--|---|--|--|
| Nursery | Why Am I Special? | Why Are Leaves So Crispy? | How Does That Building Stay Up? | Are Eggs Alive? | Why Do Spiders Eat Flies? | How Many Colours in a rainbow? |
| | Textiles – joining different materials and exploring textures with glue and tape e.g. moving faces, rockets, owls, hedgehogs | Tool use – making Christmas decorations Structures – make constructions with construction toys, talk about them | Food technology - Design and make a colourful fruit salad for their snack | Textiles/freestanding structures/mechanisms – through continuous provision | Textiles/structures – joining things using masking tape, hole punch, string | Freestanding structures – To make a new, safer house for the 3 little pigs or Hansel and Gretel |
| Reception | Marvellous Me | Let's Celebrate | Once Upon a Time | Things That Grow | Quests and Journeys | Oceans and Seas |
| | Food technology – preparing fruit and vegetable kebabs for snack (link to RHE/PSED) | Tool use – make Christmas decoration | Freestanding structures – build a bridge for the Billy Goats Gruff to cross safely | Mechanisms (wheels and axles) – make a farm vehicle for a Mobilo farmer to use in a small world farm | Textiles – make a textile map for a Nursery child to follow the story of the Bear Hunt or other story | Mechanisms (levers and sliders) – make a boat move across a picture (link to nursery rhymes) |
| Year 1 | Toys | To Infinity and Beyond | Fairytales and forests | Animals around the world | Dinosaurs | London |
| | Freestanding structures – design, make and evaluate a seat for baby bear | Tool use – make Christmas decoration (through outdoor learning) | Mechanisms (wheels and axles) – design and make a space buggy for an alien teddy | Food technology – design a salad to encourage children in Year 1 at Mrs. Bland's to eat a rainbow of fruit and vegetables. | | |
| Year 2 | Towers, Tunnels and Turrets | Winter Wonderland | Muck, Mess and Mixtures | The Scented Garden | Wriggle and Crawl | The Age of Discovery |
| | Tool use/textiles – design and make a Christmas decoration | | Mechanisms (levers and sliders) – design a moving picture/pop up card for Mother's Day and Easter as a gift | Food technology – design and make a fruit or vegetable smoothie to encourage an EYFS child to try new healthy foods. | | |