

DT Long Term Plan

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 | | | | |
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| EYFS | During the year there is a creative area within YR which facilitates the discovery of DT skills and knowledge / these are also Supported in the COSMIC curriculum: | | | | | | | | | |
| | Textiles – Templates and Joining Explored and used different fabrics. Cut and joined fabrics with simple techniques. Thought about the user and purpose of products. | Food – Preparing Fruit and Vegetables Experience of common fruit and vegetables, undertaking sensory activities i.e. appearance taste and smell. Experience of cutting soft fruit and vegetables using appropriate utensils. | Mechanisms – Sliders and Levers Early experiences of working with paper and card to make simple flaps and hinges. Experience of simple cutting, shaping and joining skills using scissors, glue, paper fasteners and masking tape. | Structures – Freestanding Experience of using construction kits to build walls, towers and frameworks. Experience of using of basic tools e.g. scissors or hole punches with construction materials e.g. plastic, card. Experience of different methods of joining card and paper. | Structures – Freestanding Experience of using of basic tools e.g. scissors or hole punches with construction materials e.g. plastic, card. Experience of different methods of joining card and paper. | Mechanisms – Wheels and Axles Assembled vehicles with moving wheels using construction kits. Explore moving vehicles through play. Gained some experience of designing, making and evaluating products for a specified user and purpose. Developed some cutting, joining and finishing skills with card. | | | | |
| EYFS | All About Me | Look In A Book | COSMIC FOOD | Curious Creatures | COSMIC STRUCTURES | COSMIC MECHANISMS | Discovery Creative Area | Discovery Creative Area | COSMIC FOOD | Discovery Creative Area |
| Y1 | COSMIC MECHANISMS Sliders and Levers (2 sessions) A | COSMIC TEXTILES Templates and Joining Techniques (1 lesson) | COSMIC FOOD Preparing Food and Nutrition (1 lesson) | COSMIC TEXTILES Templates and Joining Techniques (1 lesson) | COSMIC MECHANISMS Sliders and Levers (2 sessions) A | COSMIC MECHANISMS Sliders and Levers (2 sessions) A | STRUCTURES Freestanding (2 sessions) | STRUCTURES Freestanding (2 sessions) | COSMIC FOOD Preparing Food and Nutrition (1 lesson) | STRUCTURES Freestanding (2 sessions) |
| Y2 | COSMIC MECHANISMS Wheels and Axles (2 sessions) B | COSMIC TEXTILES Templates and Joining Techniques (1 lesson) | COSMIC FOOD Preparing Food and Nutrition (1 lesson) | COSMIC TEXTILES Templates and Joining Techniques (1 lesson) | COSMIC MECHANISMS Wheels and Axles (2 sessions) B | COSMIC MECHANISMS Wheels and Axles (2 sessions) B | FOOD Preparing Food and Nutrition (2 sessions) | FOOD Preparing Food and Nutrition (2 sessions) | COSMIC FOOD Preparing Food and Nutrition (1 lesson) | FOOD Preparing Food and Nutrition (2 sessions) |
| Y3 | COSMIC STRUCTURES Shell Structures (2 sessions) A | COSMIC TEXTILES 2-D and 3-D (1 lesson) | COSMIC FOOD Preparing Food and Varied Diets (1 lesson) | COSMIC TEXTILES 2-D and 3-D (1 lesson) | COSMIC STRUCTURES Shell Structures (2 sessions) A | COSMIC STRUCTURES Shell Structures (2 sessions) A | ELECTRICAL SYSTEMS Simple Circuits and Switches (2 sessions) | ELECTRICAL SYSTEMS Simple Circuits and Switches (2 sessions) | COSMIC FOOD Preparing Food and Varied Diets (1 lesson) | ELECTRICAL SYSTEMS Simple Circuits and Switches (2 sessions) |
| Y4 | COSMIC MECHANICAL SYSTEMS Levers and Linkage (2 sessions) B | COSMIC TEXTILES 2-D and 3-D (1 lesson) | COSMIC FOOD Preparing Food and Varied Diets (1 lesson) | COSMIC TEXTILES 2-D and 3-D (1 lesson) | COSMIC MECHANICAL SYSTEMS Levers and Linkage (2 sessions) B | COSMIC MECHANICAL SYSTEMS Levers and Linkage (2 sessions) B | FOOD Preparing Food and Varied Diets (2 sessions) | FOOD Preparing Food and Varied Diets (2 sessions) | COSMIC FOOD Preparing Food and Varied Diets (1 lesson) | FOOD Preparing Food and Varied Diets (2 sessions) |
| Y5 | COSMIC STRUCTURES Frame (2 sessions) A | COSMIC TEXTILES Combining Fabrics / Computer Design (1 lesson) | COSMIC FOOD Celebrating Culture and Seasonality (1 lesson) | COSMIC TEXTILES Combining Fabrics / Computer Design (1 lesson) | COSMIC STRUCTURES Frame (2 sessions) A | COSMIC STRUCTURES Frame (2 sessions) A | ELECTRICAL SYSTEMS Complex Switches Circuits (programming) (2 sessions) | ELECTRICAL SYSTEMS Complex Switches Circuits (programming) (2 sessions) | COSMIC FOOD Celebrating Culture and Seasonality (1 lesson) | ELECTRICAL SYSTEMS Complex Switches Circuits (programming) (2 sessions) |

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| Y6 | COSMIC MECHANICAL SYSTEMS Pulleys or Gears (2 sessions) B | COSMIC TEXTILES Combining Fabrics / Computer Design 2-D and 3-D (1 lesson) | COSMIC FOOD Celebrating Culture and Seasonality (1 lesson) | COSMIC TEXTILES Combining Fabrics / Computer Design (1 lesson) | COSMIC MECHANICAL SYSTEMS Pulleys or Gears (2 sessions) B | COSMIC MECHANICAL SYSTEMS Pulleys or Gears (2 sessions) B | FOOD Celebrating Culture and Seasonality (2 sessions) | FOOD Celebrating Culture and Seasonality (2 sessions) | COSMIC FOOD Celebrating Culture and Seasonality (1 lesson) | FOOD Celebrating Culture and Seasonality (2 sessions) |
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