

DESIGN TECHNOLOGY

Our Learning Journey

AUTUMN

CREATING WITH MATERIALS
*Construct simple structures and models using a range of materials.

EYFS

SPRING

CREATING WITH MATERIALS
*Select appropriate materials when constructing and making.

SUMMER

CREATING WITH MATERIALS
*Explore, build and play with a range of resources and construction kits with wheels and axles.

AUTUMN

MECHANISMS (SLIDERS & LEVERS)
Children will design & create a storyboard to retell a fairy tale

SPRING

STRUCTURES (FREESTANDING STRUCTURES)
Children will design & create a chair for baby bear

YEAR 1

SUMMER

FOOD (PREPARING FRUIT)
Children will design & create fruit snacks

AUTUMN

MECHANISMS (WHEELS & AXELS)
Children will design & create a small wheeled trolley

YEAR 2

SPRING

FOOD
Children will design & create a pizza snack and prepare fruit and vegetables

SUMMER

TEXTILES
Children will design & create templates & use joining techniques to create a puppet

AUTUMN

FOOD
Children will design & create a healthy and varied diet and a bread based product

SPRING

MECHANICAL SYSTEMS
Children will design & create a pop up greeting card using levers and linkages

YEAR 3

SUMMER

STRUCTURES
Children will design & create shell structures and biscuit packaging

AUTUMN

TEXTILES
Children will design & create 2-D & 3-D phone case

YEAR 4

SPRING

ELECTRICAL SYSTEMS
Children will design & create a night light using simple circuits & switches (including programming and control)

SUMMER

FOOD
Children will design & create a healthy and varied diet and a tart with a seasonal filling

AUTUMN

STRUCTURES
Children will design & create frame structures in Forest School

SPRING

FOOD
Children will design & create a yeast based snack while celebrating culture & seasonality

YEAR 5

SUMMER

ELECTRICAL SYSTEMS
Children will design & create an alarm using more complex switches and circuits

AUTUMN

FOOD
Children will design & create a traditional British dish while celebrating culture & seasonality

YEAR 6

SPRING

MECHANICAL SYSTEMS
Children will design & create a toy vehicle using pulleys or gears

SUMMER

TEXTILES
Children will design & create a leavers waistcoat combining different fabric shapes

TRANSITION TO SECONDARY SCHOOL