

Design and technology vocabulary

EYFS Reception

EYFS

Cycle A and B

Food: Soup		Structures: Junk modelling	Structures: Boats
• Fruit • Vegetables • Safety • Knife • Blade • Tool • Edge • Handle • Chop • Slice • Cut • Saucepan	• Blender • Chopping board • Hob • Boil • Blend • Mix • Packaging • Recyclable • Metal • Plastic • Reusable	• Join • Stick • Cut • Bend • Slot • Scissors • Measure • Materials • Fix	• Waterproof • Absorb • Prediction • Variable • Experiment • Investigation • Float • Sink • Junk

Design and technology vocabulary

KS1

Year 1 Year 2

KS1 Cycle A

Structures: Baby bear's chair

- Function
- Man-made
- Mould
- Natural
- Stable
- Stiff
- Strong
- Structure
- Test
- Weak

Mechanisms: Making a moving story book

- Assemble
- Design
- Evaluation
- Mechanism
- Model
- Sliders
- Stencil
- Target audience
- Template
- Test

Textiles:

Basic Skills

- Running - stitch
- Fabric
- Needle
- Joining
- Knot
- Thread

Design and technology vocabulary

KS2

Year 3 Year 4

Y3/4 Cycle A

Food: Eating seasonally

- Climate
- Dry climate
- Exported
- Imported
- Mediterranean climate
- Nationality
- Nutrients
- Polar climate
- Recipe
- Seasonal food
- Seasons
- Temperate climate
- Tropical climate

Electrical systems: Electric poster

- Battery
- Bulb
- Circuit
- Circuit component
- Crocodile wires
- Electrical product
- Electrical system
- Final design
- Information design
- Initial ideas
- Peer assessment
- Research
- Self assessment
- Sketch

Digital world: Wearable technology

Electric Charm

- Digital revolution
- Digital
- Digital world
- Program
- Simulator
- Sense
- Fasten
- CAD - Computer Aided Design
- Badge
- Product Design
- Analogue
- Function
- Electronic products
- Initiate
- Monitor
- User
- Display
- Smart wearables
- Feature
- Micro:bit/Crumble
- Loops
- Control
- Template
- Test
- Point of sale

Design and technology vocabulary

KS2

Year 5 Year 6

Y5/6 Cycle A

Food: What could be healthier?

- Beef
- Cross-contamination
- Diet
- Ethical issues
- Farm
- Healthy
- Ingredients
- Method
- Nutrients
- Packaging
- Reared
- Recipe
- Research
- Substitute
- Supermarket
- Vegan
- Vegetarian
- Welfare

Mechanical systems: Making a pop-up book

- Aesthetic
- Computer-aided design (CAD)
- Caption
- Design
- Design brief
- Design criteria
- Exploded-diagram
- Function
- Input
- Linkage
- Mechanism
- Motion
- Output
- Pivot
- Prototype
- Slider
- Structure
- Template

Digital world: Navigating the world

- 3D CAD
- Application (apps)
- Biodegradable
- Boolean
- Cardinal compass
- Client
- Compass
- Concept
- Convince
- Corrode
- Duplicate
- Environmentally friendly
- Equipment
- Feature
- Finite
- Function
- Functional
- GPS tracker
- If statement
- Infinite
- Investment
- Lightweight
- Loop
- Manufacture
- Materials (wood, metal, plastic etc.)
- Mouldable
- Navigation
- Non-recyclable
- Product lifecycle
- Product lifespan
- Program
- Recyclable
- Smart
- Sustainable
- Sustainable design
- Unsustainable design
- Variable
- Workplane

Design and technology vocabulary

KS1

Year 1

Year 2

KS1 Cycle B

Mechanisms: Wheels and axles

- Axle
- Axle holder
- Chassis
- Design
- Evaluation
- Fix
- Mechanic
- Mechanism
- Model
- Test
- Wheel

Food: A balanced diet

- Alternative
- Diet
- Balanced diet
- Evaluation
- Expensive
- Healthy
- Ingredients
- Nutrients
- Packaging
- Refrigerator
- Sugar
- Substitute

Textiles:

Basic Skills

- Running - stitch
- Fabric
- Needle
- Joining
- Knot
- Thread

Design and technology vocabulary

KS2

Year 3 Year 4

Y3/4 Cycle B

Mechanical systems: Pneumatic toys

- Exploded-diagram
- Function
- Input
- Lever
- Linkage
- Mechanism
- Motion
- Net
- Output
- Pivot
- Pneumatic system
- Thumbnail sketch

Structures: Constructing a castle

- 2D shapes
- 3D shapes
- Castle
- Design criteria
- Evaluate
- Facade
- Feature
- Flag
- Net
- Recyclable
- Scoring
- Stable
- Strong
- Structure
- Tab
- Weak

Textiles:

Basic Skills

- Cross - stitch
- Fabric
- Needle
- Joining
- Knot
- Thread
- Applique
- Attach

Design and technology vocabulary

KS2

Year 5 Year 6

Y5/6 Cycle B

Electrical systems: Doodlers

- Circuit component
- Configuration
- Current
- Develop
- DIY
- Investigate
- Motor
- Motorised
- Problem solve
- Product analysis
- Series circuit
- Stable
- Target user

Structures: Bridges

- Abutment
- Accurate
- Arched bridge
- Beam bridge
- Coping saw
- Evaluation
- File
- Mark out
- Material properties
- Measure
- Predict
- Reinforce
- Research
- Sandpaper
- Set square
- Suspension bridge
- Tenon saw
- Test
- Truss bridge
- Wood

Mechanical systems: Automata toys

- Accurate
- Assembly-diagram
- Automata
- Axle
- Bench hook
- Cam
- Clamp
- Component
- Cutting list
- Diagram
- Dowel
- Drill bits
- Exploded-diagram
- Finish
- Follower
- Frame
- Function
- Hand drill
- Jelutong
- Linkage
- Mark out
- Measure
- Mechanism
- Model
- Research
- Right-angle
- Set square
- Tenon saw