

Whole School Design and Technology – Overview

Context

Where possible, we have made links to History and Geography topics but in some cases, there wasn't a strong link to enable meaningful learning. In these instances, DT will be a stand-alone unit.

| Squirrels | | |
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| | Cycle A | Cycle B |
| Autumn 1 | | |
| Autumn 2 | <u>Structures</u> Designing, making and evaluating a toy | <u>Textiles</u> Sewing – Making a glove puppet |
| Spring 1 | | <u>Food</u> Tasting and preparing fruit or veg (soup or fruit salad) |
| Spring 2 | <u>Food</u> Making and tasting bread | |
| Summer 1 | | <u>Mechanisms</u> Moving pictures |
| Summer 2 | <u>Mechanisms</u> Making a moving vehicle/carriage | |
| Foxes | | |
| | Cycle A | Cycle B |
| Autumn 1 | <u>Structures</u> Play Equipment | <u>Textiles</u> 2D shape to 3D product |
| Autumn 2 | | |
| Spring 1 | | <u>Mechanisms</u> Electrical Circuits (simple circuits and switches) |
| Spring 2 | <u>Mechanisms - Pneumatics</u> See 'moving mascot' unit – link to Ancient Egypt | |
| Summer 1 | | <u>Food</u> Pizza |
| Summer 2 | <u>Food</u> Sandwich Snacks | |
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| Rabbits and Badgers | | | |
|---------------------|---------|---------|---------|
| | Cycle A | Cycle B | Cycle C |

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| Autumn 1 | <u>Food</u> Willy Wonka Fair Trade Cookies | <u>Mechanisms/Structures</u> Fairground rides Electrical/coding links | |
| Autumn 2 | | | <u>Frames/Structures</u> Playground shelter |
| Spring 1 | <u>Structures</u> Shell Structures (environment link) | | |
| Spring 2 | | | <u>Food</u> Seasonality (WW2- rationing) |
| Summer 1 | <u>Mechanisms</u> CAMS – Moving advertisement | <u>Food</u> Soups | <u>Textiles</u> Design a bag with a fasteners |
| Summer 2 | | | |