



# DT Curriculum Overview

|           | Unit 1                                                              | Unit 2                                                | Unit 3                                                                         |
|-----------|---------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>R</b>  | Structures: Model home                                              | Food technology: Cook/decorate gingerbread men        | Woodwork - Using tools and other materials                                     |
| <b>Y1</b> | Structures: Build wooden house frames                               | Food technology: Fruit and veg                        | <i>Money week - Mechanisms: Moving puppet</i>                                  |
| <b>Y2</b> | Textiles: Victorian needlework sampler                              | Food technology: A balanced diet                      | Mechanisms: Build a moving..                                                   |
| <b>Y3</b> | Food technology: Eating seasonally                                  |                                                       | Textiles: Sew a Chinese dragon<br><i>Money week - Structures or Mechanisms</i> |
| <b>Y4</b> | Structures (with mechanisms): Building bridges                      | Food technology: Adapting a recipe (Stemterprise)     | Electrical systems: Torches                                                    |
| <b>Y5</b> | Textiles: Design and sew a Tudor pouch                              | Food technology: What could be healthier?             | Mechanisms (with electrical systems): Moving vehicles                          |
| <b>Y6</b> | Food technology: Develop a 3 course menu (Stemterprise / Fairtrade) | Electrical systems: Design and create an alarm system | <i>Money week - Structures (playground)</i>                                    |



# DT Curriculum Overview - Unit info *EYFS & KS1*

|           | Autumn 1                  | Autumn 2                               | Spring 1                                                                                                                                            | Spring 2                                                                                                             | Summer 1                                                                                        | Summer 2                                                                               |
|-----------|---------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>N</b>  |                           | Cooking                                | Design costumes for a superhero                                                                                                                     | Design & make a transport building                                                                                   |                                                                                                 |                                                                                        |
| <b>R</b>  | Create a model of my home |                                        | Design and make bridges and houses<br><br>Food technology: cook/decorate gingerbread men; make porridge<br><br>Woodwork starts - tools introduction | Design a vehicle to transport teddy<br><br>Woodwork vehicles with wheels - using saws, nails and hammers (soft wood) | Design and make bug hotels for our playground<br><br>Woodwork - Using tools and other materials | Make parchment and treasure maps<br><br>Woodwork boats<br><br>Woodwork -Using hardwood |
| <b>Y1</b> |                           | Mechanisms - Moving puppet             | Frame structures: Build wooden house frames                                                                                                         | Food Technology: Fruit and veg                                                                                       |                                                                                                 | <i>Money week</i>                                                                      |
| <b>Y2</b> |                           | Textiles: Victorian needlework sampler |                                                                                                                                                     |                                                                                                                      | Food technology: A balanced diet                                                                | Mechanisms: Build a moving.. -                                                         |



# DT Curriculum Overview - Unit info

KS2

|           | Autumn 1                                                                              | Autumn 2                              | Spring 1                                                                                         | Spring 2                                        | Summer 1                                                | Summer 2                                                                                      |
|-----------|---------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Y3</b> |                                                                                       | Food technology:<br>Eating seasonally |                                                                                                  | Structures - construct<br>Taj Mahal             |                                                         | Textiles: Sew a<br>Chinese dragon<br><br><i>Money week -<br/>Structures or<br/>Mechanisms</i> |
| <b>Y4</b> |                                                                                       |                                       | Structures (with<br>mechanisms -<br>pulleys): Building<br>bridges (Construction)                 |                                                 | Food technology:<br>Adapting a recipe<br>(Stemterprise) | Electrical systems:<br>Torches - simple<br>circuits and switches                              |
| <b>Y5</b> | Textiles: Design and<br>sew a Tudor pouch                                             |                                       |                                                                                                  | Food technology:<br>What could be<br>healthier? |                                                         | Mechanisms (with<br>electrical systems):<br>Moving vehicles -<br>gears                        |
| <b>Y6</b> | Food technology -<br>develop a<br>three-course menu<br>(stemterprise/global<br>trade) |                                       | Electrical systems:<br>Design and create an<br>alarm system - series<br>circuit, fit for purpose |                                                 |                                                         | <i>Money week -<br/>Structures</i>                                                            |



## DT Curriculum Overview: *DT Association guidance*

|     |    | Autumn             | Spring              | Summer             |
|-----|----|--------------------|---------------------|--------------------|
| KS1 | Y1 | Mechanisms         | Structure           | Food               |
|     | Y2 | Mechanisms         | Food                | Textiles           |
| KS2 | Y3 | Food               | Structures          | Textiles           |
|     | Y4 | Mechanical Systems | Electrical Systems  | Food               |
|     | Y5 | Food               | Structures/Textiles | Electrical Systems |
|     | Y6 | Textiles           | Mechanical Systems  | Food               |