

**YEALAND CHURCH OF ENGLAND SCHOOL: ROBIN CURRICULUM CYCLE C  
COMPUTING/ INFORMATION TECHNOLOGY- CONTENT AND SKILLS COVERAGE**

<b>AUTUMN 1</b>	<b>AUTUMN 2</b>
<p style="text-align: center;"><b>Jails and Scales</b></p> <p><b>National Curriculum Content:</b>  <b>Structure/Mechanism - Make a castle with towers with arrow loops, a moving drawbridge (string and a flap) and a moving portcullis (sliders).</b></p> <p><b>Design</b></p> <p>Design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p><b>Make</b></p> <p>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p> <p>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p><b>Evaluate</b></p> <p>Explore and evaluate a range of existing products</p> <p>Evaluate their ideas and products against design criteria</p>	<p style="text-align: center;"><b>Amazing Me!</b></p> <p><b>National Curriculum Content:</b>  <b>Explore different fabrics and manipulate them to create different effects by joining them in a variety of ways to make a fabric face.</b></p> <p><b>Design</b></p> <p>Design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p><b>Make</b></p> <p>Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p> <p>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p><b>Evaluate</b></p> <p>Explore and evaluate a range of existing products</p> <p>Evaluate their ideas and products against design criteria</p>

**YEALAND CHURCH OF ENGLAND SCHOOL: ROBIN CURRICULUM CYCLE C  
COMPUTING/ INFORMATION TECHNOLOGY- CONTENT AND SKILLS COVERAGE**

<p><b>Technical knowledge</b></p> <p>Build structures, exploring how they can be made stronger, stiffer and more stable</p> <p>Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products</p> <p><b>Dimensions Skills:</b> DT2, DT3, DT4, DT5, DT6, DT7, DT8 DT11, DT12, DT13, DT14, DT16, DT17, DT18, DT19, DT20</p>	<p><b>Dimensions Skills:</b> DT1, DT2, DT3, DT5, DT6, DT7, DT8 DT9, DT11, DT12, DT13, DT14, DT15, DT16, DT17, DT19, DT20</p>
<p><b>Connections:</b></p>	<p><b>Connections:</b></p>
<p><b>SPRING 1</b></p>	<p><b>SPRING 2</b></p>
<p><b>The Faraway Tree</b></p> <p><b>National Curriculum Content:</b></p> <p><b>Dimensions Skills:</b></p>	<p><b>Rule Britannia (United Kingdom)</b></p> <p><b>National Curriculum Content:</b></p> <p><b>Dimensions Skills:</b></p>
<p><b>Connections:</b></p>	<p><b>Connections:</b></p>



**YEALAND CHURCH OF ENGLAND SCHOOL: ROBIN CURRICULUM CYCLE C  
COMPUTING/ INFORMATION TECHNOLOGY- CONTENT AND SKILLS COVERAGE**

	<p><b>Technical knowledge</b></p> <p>Use the basic principles of a healthy and varied diet to prepare Dishes understand where food comes from.</p> <p><b>Dimensions Skills:</b>  <b>DT3, DT5, DT6, DT7, DT8</b>  <b>DT9, DT10, DT11, DT12, DT14, DT15, DT16, DT20</b></p>
<b>Connections:</b>	<b>Connections:</b>

**KS1 National Curriculum Design and Technology Content**

**When designing and making, pupils should be taught to:**

**Design**

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

**Make**

- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

**Evaluate**

## **YEALAND CHURCH OF ENGLAND SCHOOL: ROBIN CURRICULUM CYCLE C COMPUTING/ INFORMATION TECHNOLOGY- CONTENT AND SKILLS COVERAGE**

- Explore and evaluate a range of existing products
- Evaluate their ideas and products against design criteria

### **Technical knowledge**

- Build structures, exploring how they can be made stronger, stiffer and more stable
- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products