

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

AUTUMN 1	AUTUMN 2
<p style="text-align: center;">Fire! Fire!</p> <p>National Curriculum Content: Structure/Mechanism - Make a Tudor House with a slider.</p> <p>Design</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>Make</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>Evaluate</p> <p>Explore and evaluate a range of existing products</p>	<p style="text-align: center;">Helping Hands</p> <p>National Curriculum Content: Explore different fabrics and manipulate them to create different effects by joining them in a variety of ways to make a Christmas decoration.</p> <p>Design</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>Make</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>

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<p>Evaluate their ideas and products against design criteria</p> <p>Technical knowledge</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>Dimensions Skills: DT2, DT3, DT4, DT5, DT6, DT7, DT8 DT11, DT12, DT13, DT14, DT16, DT17, DT18, DT19, DT20</p>	<p>Evaluate</p> <p>Explore and evaluate a range of existing products</p> <p>Evaluate their ideas and products against design criteria</p> <p>Dimensions Skills: DT1, DT2, DT3, DT5, DT6, DT7, DT8 DT9, DT11, DT12, DT13, DT14, DT15, DT16, DT17, DT19, DT20</p>
<p>Connections:</p>	<p>Connections:</p>
<p>SPRING 1</p>	<p>SPRING 2</p>
<p>Land of Make Believe</p> <p>National Curriculum Content:</p> <p>Dimensions Skills:</p>	<p>Potter's World</p> <p>National Curriculum Content:</p> <p>Dimensions Skills:</p>
<p>Connections:</p>	<p>Connections:</p>

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SUMMER 1	SUMMER 2
<p data-bbox="577 280 741 308" style="text-align: center;">In Our Hood</p> <p data-bbox="208 360 1066 515">National Curriculum Content: Using local food explore a variety of fruits and vegetables. Learn how to prepare through cutting, grating, peeling and more when making their own smoothie or salad.</p> <p data-bbox="208 568 300 595">Design</p> <p data-bbox="208 647 1055 707">Design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p data-bbox="208 759 1043 866">Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p data-bbox="208 919 286 946">Make</p> <p data-bbox="208 999 1070 1058">Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</p> <p data-bbox="208 1110 327 1137">Evaluate</p> <p data-bbox="208 1190 846 1217">Explore and evaluate a range of existing products</p> <p data-bbox="208 1270 936 1297">Evaluate their ideas and products against design criteria</p>	<p data-bbox="1518 280 1659 308" style="text-align: center;">My World</p> <p data-bbox="1133 360 1525 387">National Curriculum Content:</p>

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

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

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Evaluate

- 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