

YEALAND CHURCH OF ENGLAND SCHOOL: SWALLOW CURRICULUM CYCLE C
DT- CONTENT AND SKILLS COVERAGE

AUTUMN

Walk Like an Egyptian

National Curriculum Content:

Shadufs – Levers and Linkages, Pulleys

- Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts [for example, the home, school, leisure, culture, enterprise, industry and the wider environment].

When designing and making, pupils should be taught to:

Design

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

Make

- Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate

- Investigate and analyse a range of existing products
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- Understand how key events and individuals in design and technology have helped shape the world

Technical knowledge

- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

Dimensions Skills:

Dt21, Dt23, Dt24, Dt25, Dt26, Dt27

Dt28, Dt30, Dt31, Dt33, Dt35

Dt35, Dt36, Dt38, Dt39, Dt40, Dt41, Dt42

Dt44, Dt45, Dt46, Dt48, Dt49, Dt50, Dt51

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Connections:	
SPRING 1	SPRING 2
Majestic Mountains	Tales of Arabia
Connections:	Connections:
SUMMER 1	
Rule Britannia!	
<p>National Curriculum Content: Design a pie for the Jubilee</p> <ul style="list-style-type: none"> • prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques • prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques • understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. <p>Dimensions Skills: Dt21, Dt22, Dt23, Dt24, Dt25, Dt26, Dt27 Dt28, Dt30, Dt31, Dt32, Dt34, Dt36, Dt37, Dt38, Dt39, Dt40, Dt41, Dt43 Dt44, Dt45, Dt46, Dt47, Dt48, Dt49, Dt50, Dt51</p>	
Connections:	
SUMMER 2	
A Whole New World	
<p>National Curriculum Content: Bridges and New Inventions</p>	

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