

# Leintwardine Endowed CE Primary School Learning Journey Itinerary

'Letting Our Light Shine'

SUBJECT : DT

YEAR : B

TERM : Spring 2

YEAR GROUPS : 1/2

## Key Question: Can I make a wacky windmill?

Previous Knowledge – We would expect children to already be able to:

Recognise a windmill of some type

Know what wind is/feels like

Have early experiences of cutting and joining different materials

Have used the terms design, make and evaluate in previous DT units

### END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are **emerging** because they can:

Most children will show that they have reached the **expected** level because they can:

Some children will have gone beyond the expected level and will show that they are **exceeding** because they can:

With prompts, explain what a windmill is and what they were used for in the past

explain what a windmill is and what they were used for in the past

Clearly explain what a windmill is and what they were used for in the past

explore different ways of making bases

evaluate which design and materials makes a strong and sturdy base

evaluate which design and materials makes a strong and sturdy base giving succinct reasons based on their prototyping

explore different ways of making sails

evaluate which material makes the best sails

evaluate which material makes the best sails giving succinct reasons based on their prototyping

With support, design their own windmill to be made from simple resources

design their own windmill to be made from simple resources

effectively and accurately, design their own windmill to be made from simple resources

With support, make an attractive and purposeful windmill possibly with large flaws

make an attractive and purposeful windmill

make an attractive and purposeful windmill which shows maturity in execution of skills

With support, evaluate how successful their windmill is

evaluate how successful their windmill is

evaluate how successful their windmill is giving precise reasons for their decisions

### ASSESSMENT OPPORTUNITIES

Observations of children working

Written and verbal responses to prompts

Written designs and evaluations

Finished products

### ENRICHMENT OPPORTUNITIES

**Helping children to remember more**

Construction activities in provision linked to windmills

### SUBJECT SPECIFIC VOCABULARY

Windmill

Lighter

Base

Investigate

Sails

Prototype

Materials

Design

Sturdy

Make

Strong

Evaluate

Wider

### CROSS-CURRICULAR LINKS

**Links that we can make to help children make sense of what we want them to know and be able to do.**

Science/Geography – renewable energy