

DT Windmills Knowledge Organiser

To research windmills and what they are used for. To look at different parts of a windmill and explore materials to make a mini model.

Key Learning

I can look at different wind mills and find out about their uses.



I can listen to information about Brill Windmill and create a museum fact card.

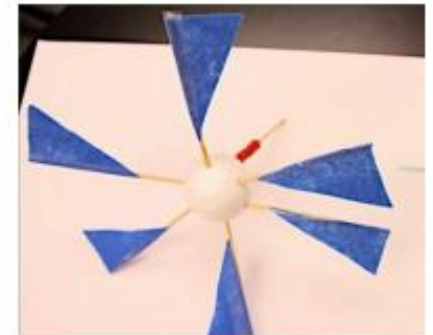


Brill Windmill was built in the 17th century in Buckinghamshire, UK.

I can explore ways to make a strong base for my windmill.



I can make sails for my windmill using the knowledge I have about materials.



I can look at windmills from around the world and decide on whether to include these designs within my own model.



I can design my own mini windmill thinking about the materials I will use to make it successful.



This is my space themed windmill.

I can follow my plan to make my windmill model.



I can evaluate my finished windmill and decide on the things that went well and the things that I would improve on.



Key Vocabulary

Sails	The parts that turn in the wind.
Tower	The body of the windmill that holds the parts together.
Rotar	The turning mechanism.
Base	A sturdy structure that the windmill wheel is attached to.
Brill Windmill	A windmill based in Buckinghamshire.
Design	To plan and draw an idea using research and product knowledge.
Create	To make their seaside snacks using the skills they have learnt.
Evaluate	To look at their creation and think about the things that have worked well and those that they would change to improve next time.