

# Design & Technology

## What is D&T?

Design and Technology helps to develop children's skills and knowledge in design, materials, structures, mechanisms and electrical control.

They are encouraged to be creative and innovative, and are actively encouraged to think about important issues such as sustainability and enterprise.

Whilst school is closed, we would love the children to take part in a D&T Whole School Challenge to get designing, creating and innovating!

There will be a different theme each week, and we would like you to take photos of your creations and Tweet them @witton\_walkce or on our Facebook Page @wittonchurchwalk

This week, the week beginning the 8th June, we would like children to build a simple wind turbine that can lift a cup off the floor when powered by a hairdryer!

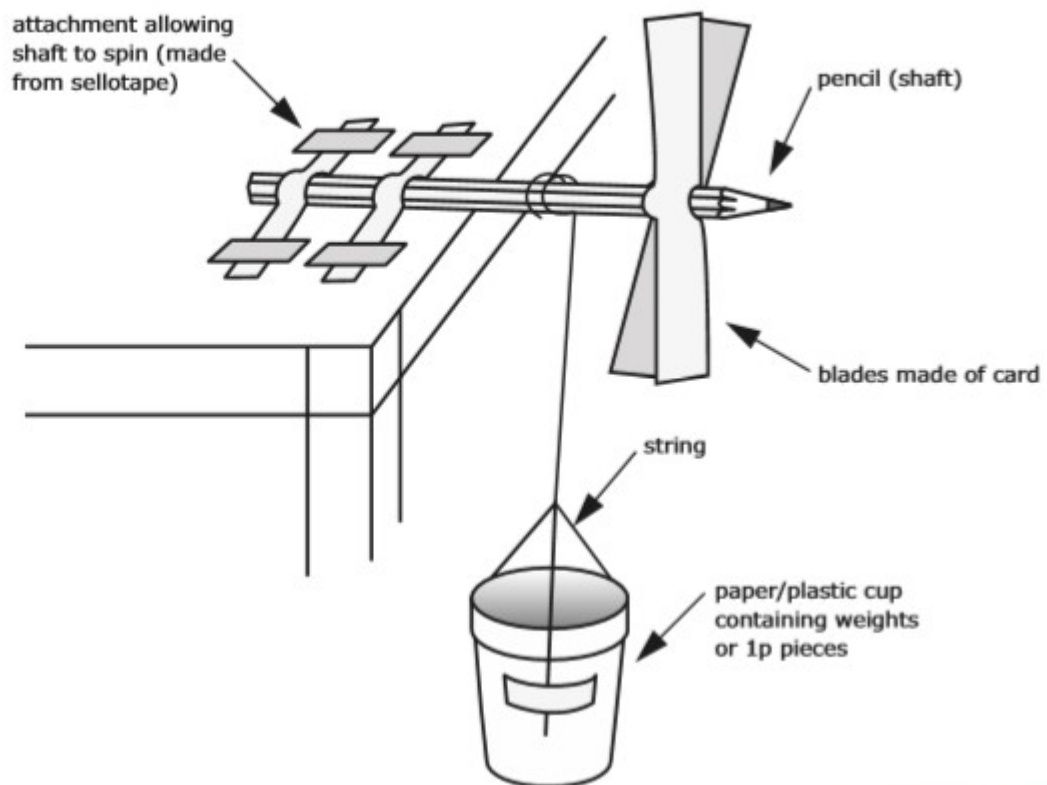


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## What you will need?

For the model: modelling equipment e.g. card, straws, paper, cotton reels, cocktail sticks, wooden skewers, pencils, sticky tape, plasticine, Blu-tack, string, and something to make holes with.

## Possible design



## Think about:

- Shape of the blades
- Size of blades
- Thickness of blades
- Number of blades

**Now use your hairdryer to make your turbine move**