



## Pupil Challenge: Build a model wind turbine

### We Are Looking To

Design and build a tower on a base between 500mm and 600mm in height to support an electric motor and mounting with attached propeller.

### We Are Looking For

- Detail, such as measurements and materials to be used and at least two views on the design sheet
- The construction to match closely the detail on the design
- Strength and stability
- Economic use of resources
- Aesthetic construction
- Freely moving propeller blades
- Motor and propeller able to freely turn 360 degrees
- The ability to move the tower with ease from one site to another

Diagram (+ labels & measurements)	Resources And materials	Notes

Team Members