

STEM at Home

Challenge 2: Wind Power Challenge

7 AFFORDABLE AND CLEAN ENERGY



Between 2000 and 2016, the number of people with electricity increased from 78% to 87%, and the numbers without electricity dipped to just below one billion. Yet as the population continues to grow, so will the demand for energy, and an economy reliant on fossil fuels is creating drastic changes to our climate. Investing in solar, wind and thermal power, improving energy productivity, and ensuring energy for all is vital if we are to achieve the UN Sustainable Development Goal 7 by 2030.

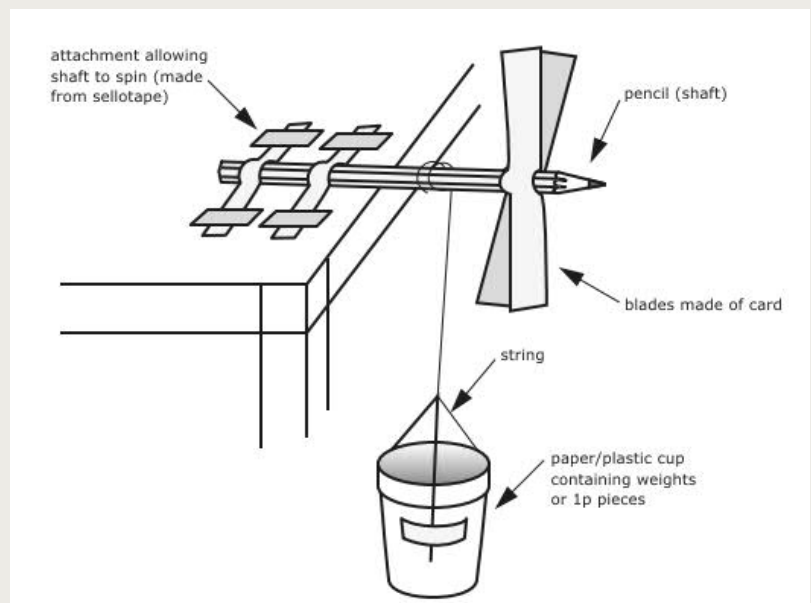
The Challenge

Design a simple wind turbine capable of lifting a cup off the floor – the winners being those whose machine lifts the most weight!

Special recognition will be given to the **most creative wind turbine**.

Equipment

Hair dryer (wind)
Scrap Card
Tape
Pencil
Scissors
String
Weights
Paper / Plastic Cup



Please [send us a picture](#) of your creation by the end of **Tuesday 14th April** for inclusion within the **Hall of Fame**

Please be aware that any entry, including images, may be used for internal and external publicity purposes. This might include (but is not limited to), online publicity and social media. If you do not wish for your image to be shared/used in this way, please state this on your submission.