

WIND TURBINE

#WildWorldHeroes
#ReadingSparks



YOU WILL NEED...



Paper



Scissors



Straws



Drawing Pins



Blue Tack



Colouring Pens



Hairdryer

INSTRUCTIONS

- 1 You will need to create a square from your paper. You could do this by first folding your paper into a triangle by taking one corner and lining it up with the other. This will leave extra on one side that you can cut off.
- 2 Decorate your wind turbine using colours and shapes, or whatever your imagination can think of! Remember to decorate both sides.
- 3 Fold your paper in half and crease slightly. Then fold the paper in the opposite direction and again crease slightly.
- 4 Cut along the creases about halfway to the centre of the paper. Be sure not to cut all the way.
- 5 Bend each corner into the middle. Avoid folding as your wind turbine won't turn as well.
- 6 Stick your blue tack onto the side of the straw, near one of the ends.
- 7 **With adult supervision**, once all four corners are in the centre, push your drawing pin along with the corners though the centre of your turbine, through the straw and into the blue tack.
- 8 Repeat these steps and create another smaller wind turbine to carry out your investigation.
- 9 Using a hairdryer, test your wind turbines!



INVESTIGATE!

Now you have two different sized wind turbines, compare and investigate which design would be best to use on a wind farm? Why not show your findings in a table?



Summer Reading Challenge 2021

WILD WORLD
HEROES



REMEMBER TO ASK FOR ADULT PERMISSION AND/OR SUPERVISION WHEN REQUIRED!

We'd love to see how you get on with the experiment! Please share on social media using #ReadingSparks and #WildWorldHeroes

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