



MAKE YOUR OWN KITE

#WildWorldHeroes
#ReadingSparks



YOU WILL NEED...



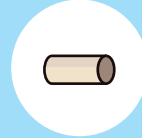
Sticks



String/wool



Tissue paper



Toilet Roll Middle



Cellotape



Scissors



Plastic or paper bag
you'd like to recycle



Any other decorations
(optional)



SCAN ME!

To find out more about the Wild World Heroes summer reading challenge, scan the QR code and watch on your phone, tablet or computer.



INSTRUCTIONS

- 1 Collect two sticks approximately the same length, ideally as straight as possible to form the body of your kite.
- 2 Place your plastic or paper bag on a flat surface. Using your scissors carefully cut a rectangle out of the bag.
- 3 Place your bag in a diamond shape orientation then place the sticks crossing over on the bag. Cellotape your sticks to the bag making sure they are securely in place.
- 4 Using your scissors carefully create holes in all four corners of the bag.
- 5 Measure your string against your sticks allowing a few extra centimeters. Fasten your string by tying it into the holes created, securing in place with cellotape. These should cross in the centre of the kite as the sticks do.
- 6 Cut a long piece of string to create the line to control your kite, wrapping this around your toilet roll middle. Tie the string to the middle of the kite where the two pieces of string cross.
- 7 Create a tail to the kite by adding tissue paper or any other paper you would like to recycle. Why not get creative and decorate your kite?
- 8 Venture outside on a windy day to test your kite! Fly your kite by running into the wind, releasing string from the toilet roll middle as your kite starts to fly!



THE SCIENCE

Kites fly using forces of flight - drag, lift, weight and thrust. As your kite flies through the air, lift holds it up, wind provides thrust to move your kite forward with drag causing your kite to slow down. Weight and gravity bring the kite back down to Earth.

TAKE IT FURTHER

Become a kite design engineer. Investigate how kite design is important in the way a kite flies.

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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