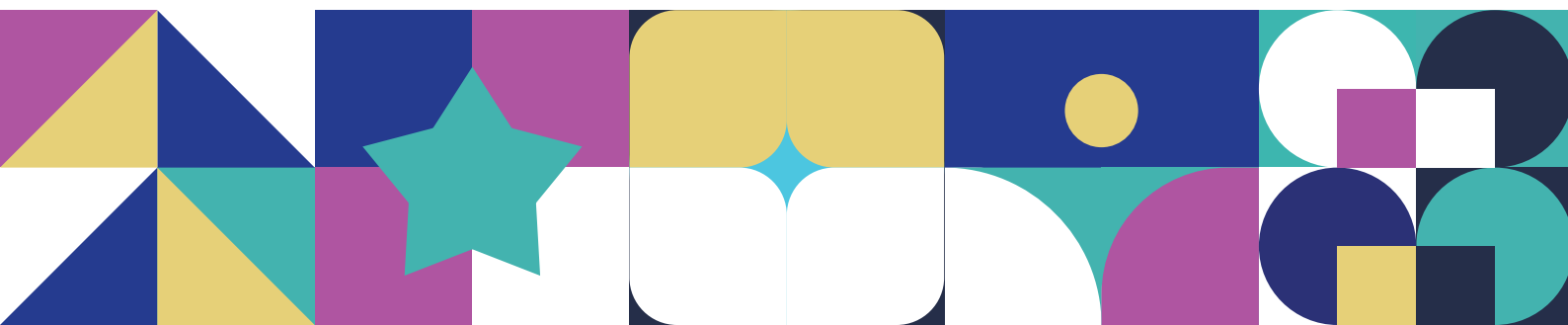


EPISODE 19
Our World
Our Space Part 1



Ages 4-9:

Our planet is a wonderful place, it is our home, it unites us all! Let's bring our planet to life and add colour to it.

You can show where there is snow, where the forests are, and all the other kinds of biomes that exist!



Ages 4-9:



Ages 10-14:

We learned in episode 10, "From Pearls to Space", that pearling boats would use flags to identify themselves and other friendly boats. Boats now use the flags of the country they come from for others to identify them.

How many flags can you draw from memory? Draw as many as you can on a sheet of paper! Check your answers online and see how many you got right.

BONUS: If humanity builds colonies on other planets, or maybe when we discover aliens, we will need a flag to identify planet earth. What do you think that flag should look like? Draw the flag that earth should use for space

A large, empty rectangular box with a black border, intended for drawing flags. It occupies the lower half of the page.

Ages 15+:

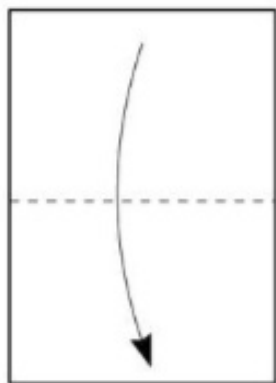
Water is essential for life, all life forms need to drink water to survive, but its role in human history goes far beyond keeping our bodies alive. Humans have used water for transportation and exploration. The Vikings discovered many islands and even America by travelling on boats. Different materials were used to build many kinds of boats for different uses.

In today's activity we will make a small boat using paper (recycled please!). Follow the steps illustrated below to make your own origami boat. You can make it unique by colouring it and using different colours of paper. After finishing your boat, you can test it in a big container of water (could be a bucket or a bowl depending on the size of your boat).

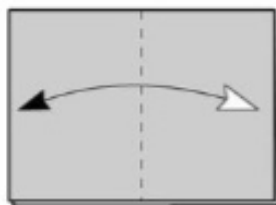
BONUS: you can try different types of paper and different sizes to see which boat will last the longest in the water!

Share your results using #ELFInSpace

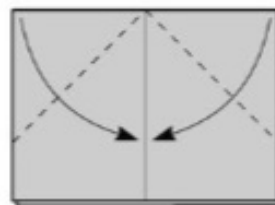
Ages 15+:



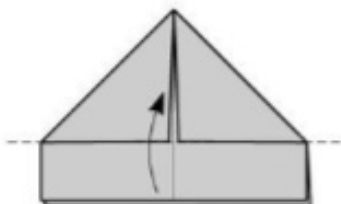
(1) Start from a rectangle (e.g. A4)
Fold in half



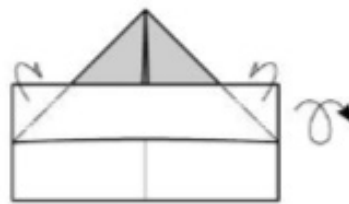
(2) Fold in half and unfold



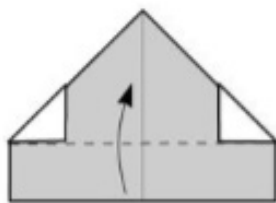
(3) Fold to the center



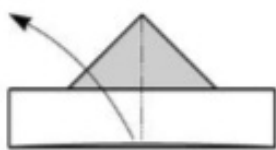
(4) Fold the overlapping strip upwards.



(5) Fold corners backwards.
Turn over.



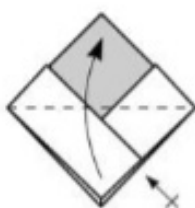
(6) Fold strip upwards



(7) Open.



(8) Opening in progress



(9) Fold triangle upwards. Repeat behind.



(10) Open (like in the steps 7 and 8).



(11) Take upper corners and stretch out.



(12) Finished boat.