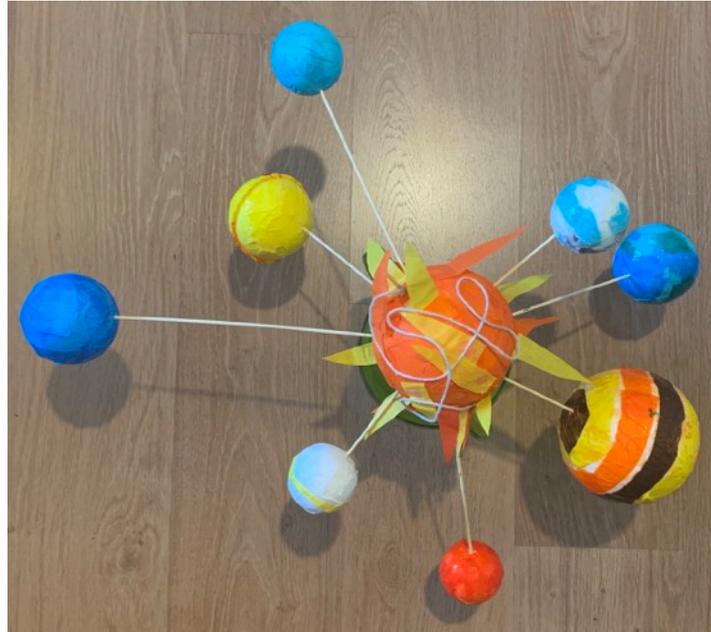


Solar System Mobile



Taking inspiration from our Galaxy why create your own 3D solar system mobile so you can learn more about the planets!

Tools and Materials:

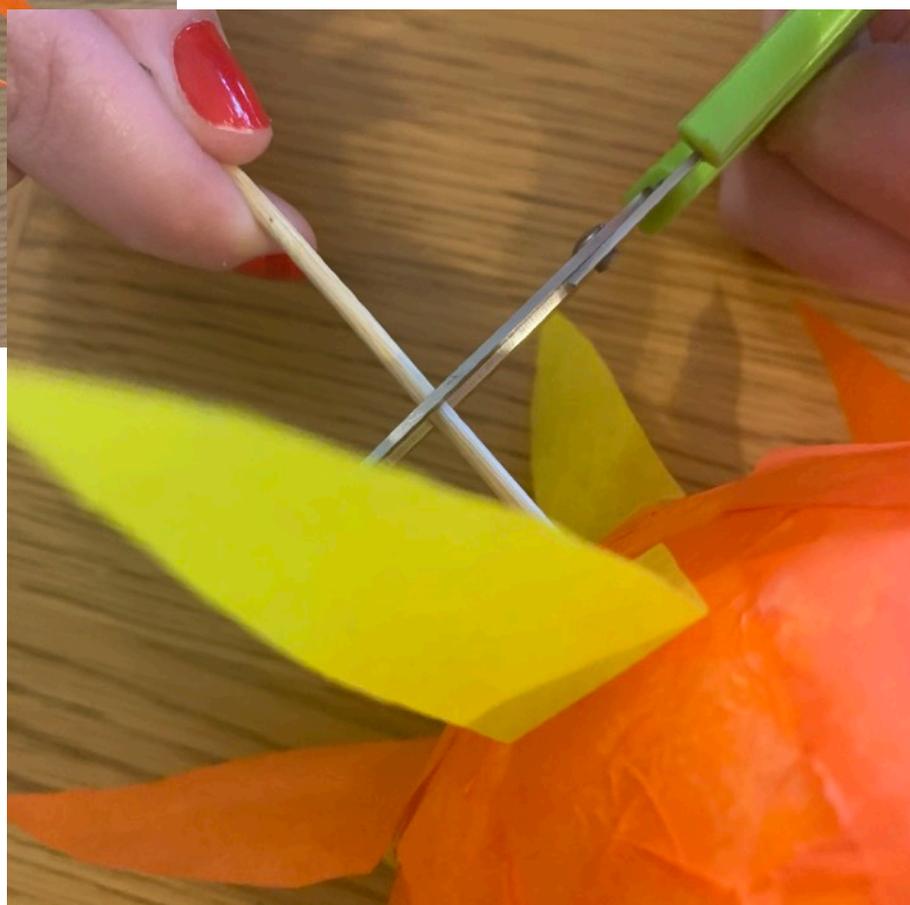
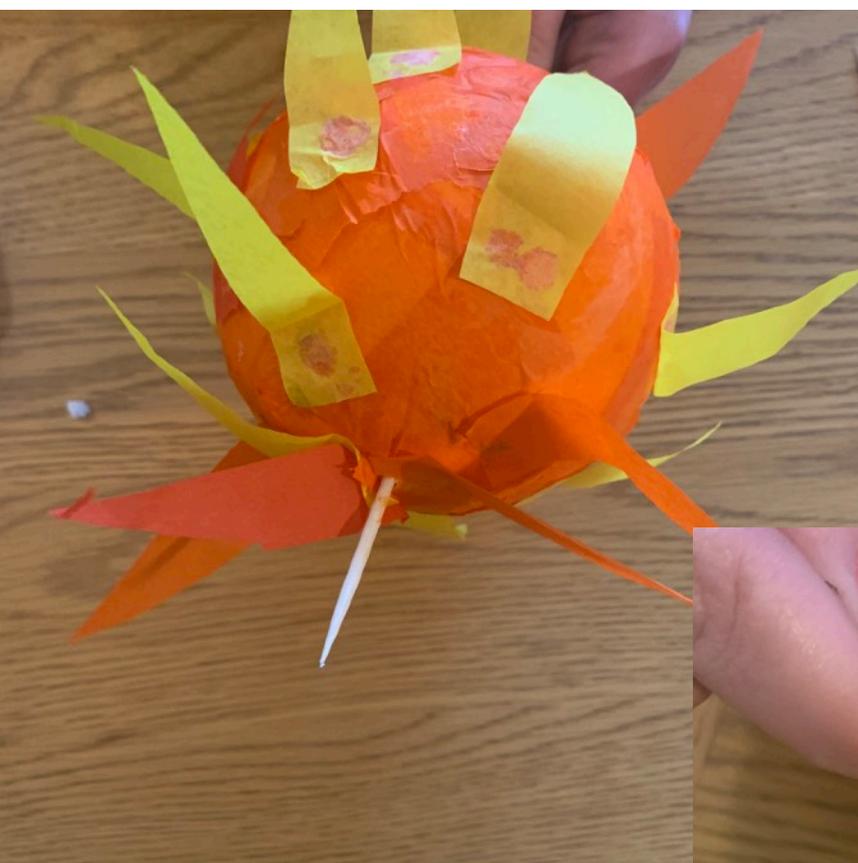
- Tissue Paper
- Paintbrush
- PVA Glue
- String
- Wooden Skewers
- Polystyrene Balls (if you can get them if not you could use crumpled up newspaper for planets)
- Scissors (not pictured)



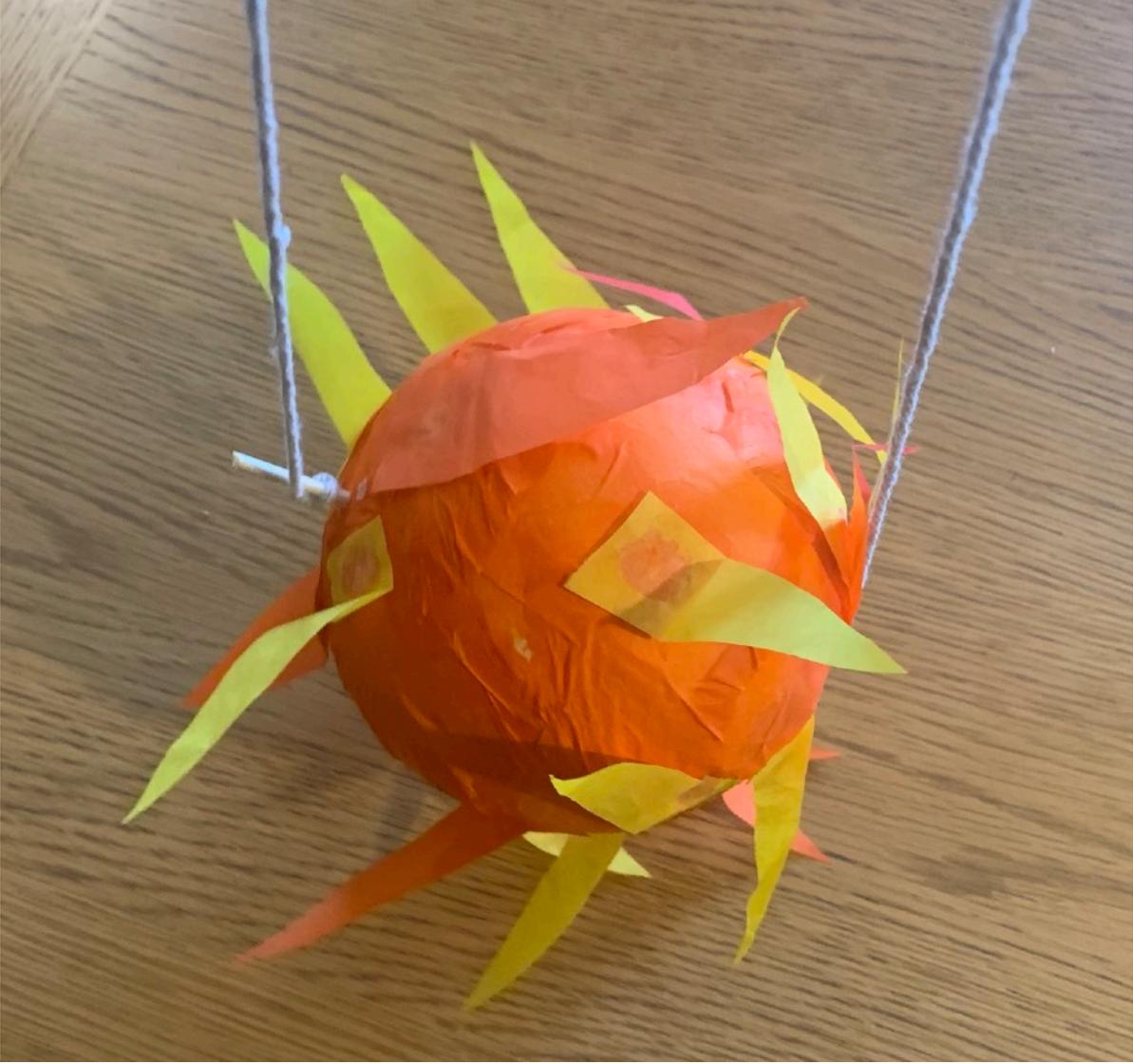
We picked up some Polystyrene Balls of different sizes from [GreatArt](#) you can find them there or other craft stores or you could make the planet bases from scrunching up newspaper to form spheres. With the planets in our solar system has the Sun and 8 planets - Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune if you want you can include Pluto but it is thought of as a dwarf planet. So first thing to create is the Sun! Taking one of the bigger polystyrene balls you can transform it into the Sun by ripping bit of tissue paper to cover it like so



We used the paint brush to put a layer of PVA on top of the tissue paper too to make it shiny when dry - whilst we mainly rip the tissue paper if you want to make rays coming out of the Sun scissors will give you a better edge. When you have finished with your Sun (and it's dry!) take a wooden skewer and push it all the way through to stick out the other side. Because the Sun is the centre it is the only one that is going to have the skewer pushed all the way through because you need to tie the string to it. Once the skewer is all the way through cut off the pointy end (you might need help from an adult)



Once you have trimmed the skewer tie some string to both ends to form a loop so you can hang your mobile up eventually



Once you have the Sun you can decorate the other planets - in this one we are decorating Jupiter which is one of the bigger planets and is stripy! It is easier to cover them while they are on the skewer - make a hole with the pointy end and then swap it for the blunt one



Mercury - is very small and silvery

Venus - is also small but bigger than Mercury it is yellow/brown

Earth - is small like Venus and is mainly green and blue - but you can add in white for the snow

Mars - is small like Mercury and red

Saturn - is big like Jupiter, has a ring and is yellow/brown/white, it actually has multiple rings around it

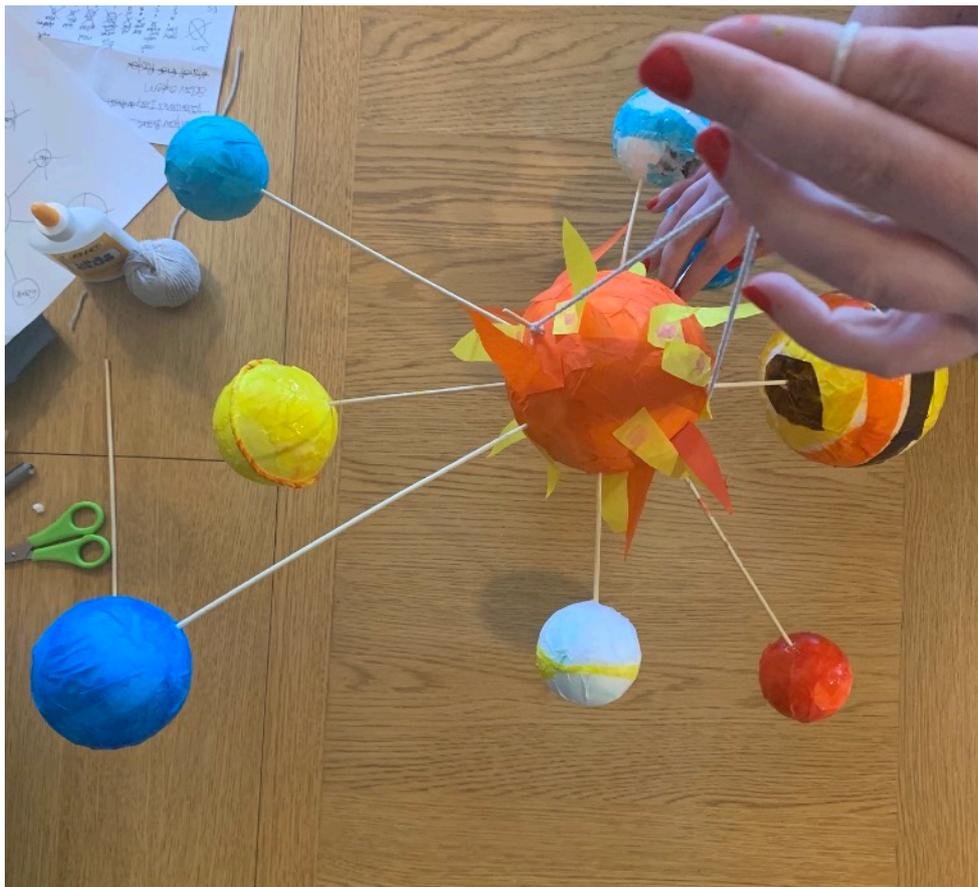
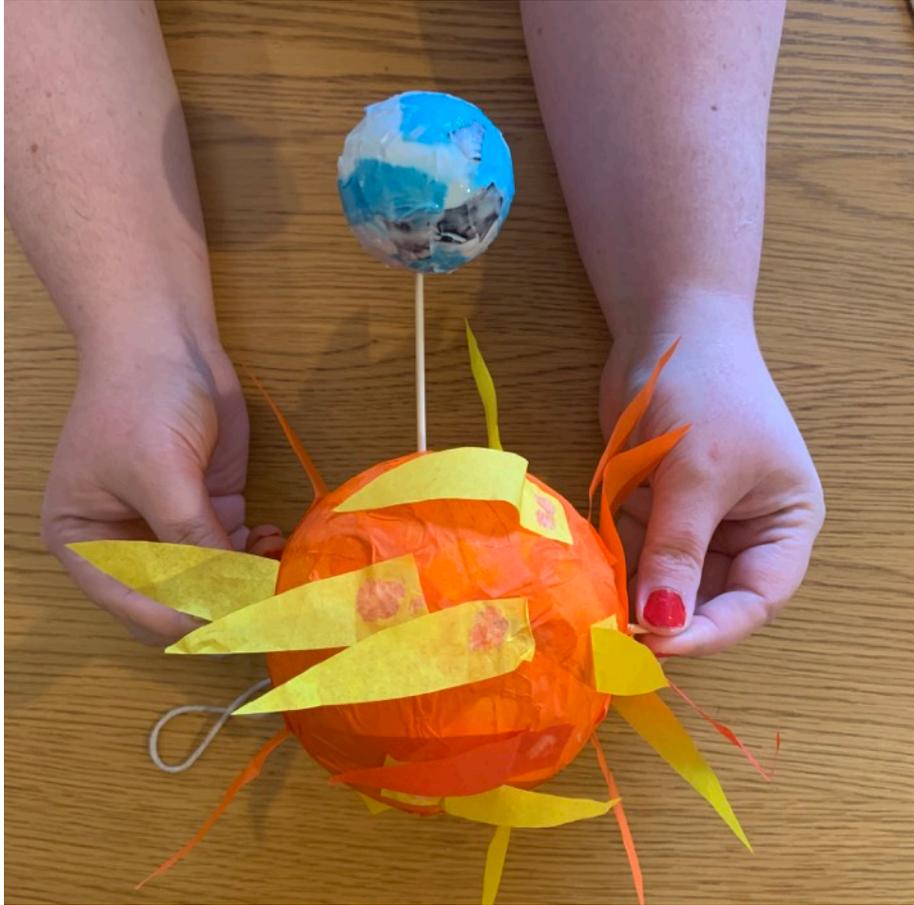
Uranus - is bigger than Earth but much smaller than Venus and is light blue and also has a ring a bit like Saturn

Neptune - is the same size as Uranus and is darker blue

Pluto - is tiny and is shades of brown and grey

You can look up the planets for a proper scale reference!

Once you have covered all your planets and they are dry you can start to stick them into the Sun - you might want to cut the sticks to different lengths - cut the blunt end as you need the pointy end to stick into the Sun.



There you have it your very own “Solar System Mobile”

