

CoolitArt

Zoetropes



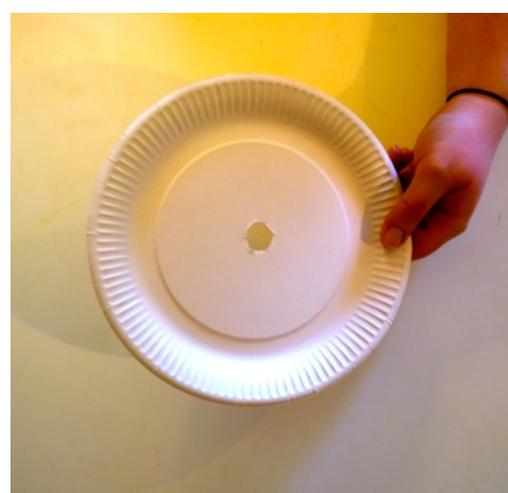
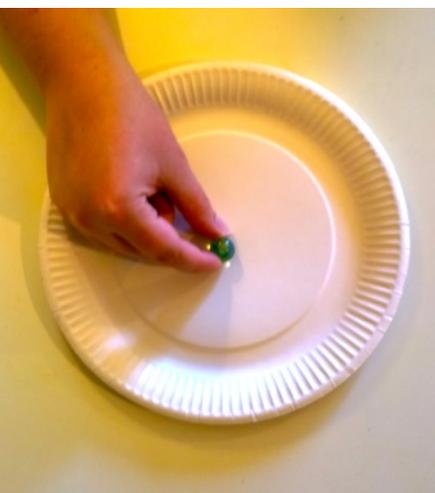
This teaching pack shows you how to create your very own animation theatre, once you have made it you can make multiple films!

Tools and Materials:

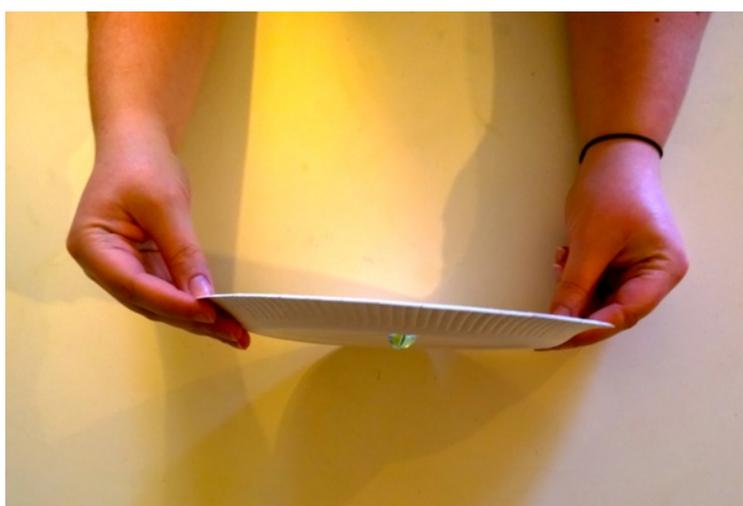
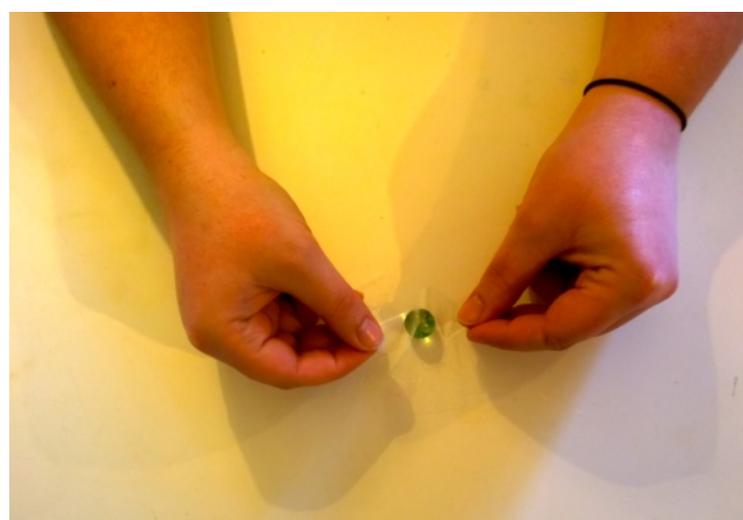
- White and Black Paper
- Felt Tips
- Ruler to measure
- Scissors
- Sellotape
- Paper Plate
- Marble



Take your marble and measure it roughly in the middle of your plate, you want to cut a hole bigger than your marble so your plate will be able to spin



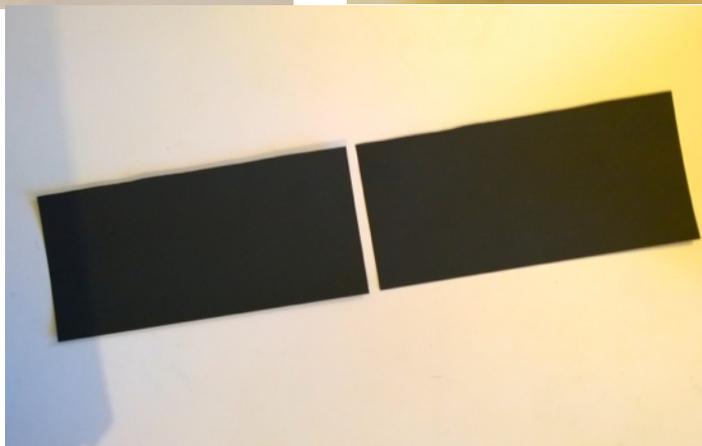
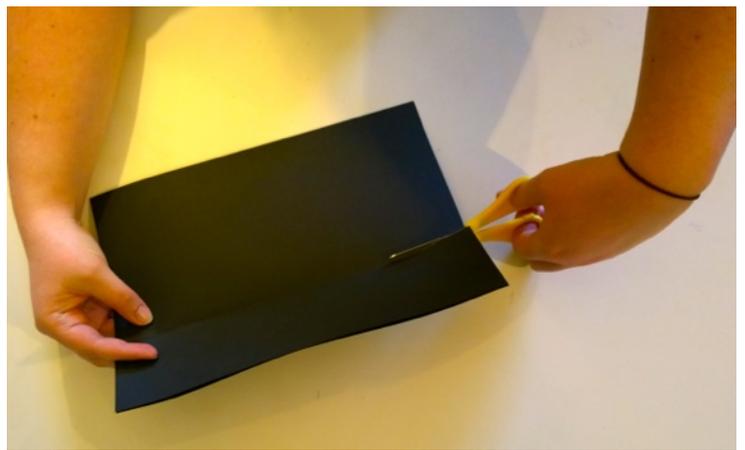
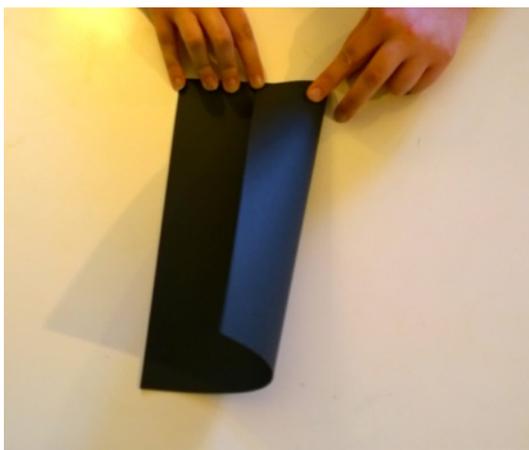
Once you are happy with the size of hole you can attach it, place sellotape over your marble ensuring it is sticking half way out



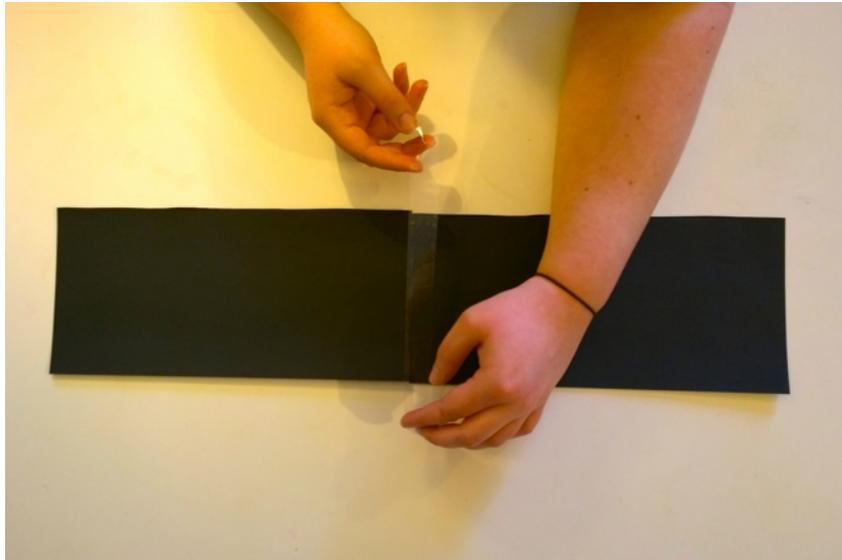
After ensuring your plate can spin secure the marble with another bit of tape



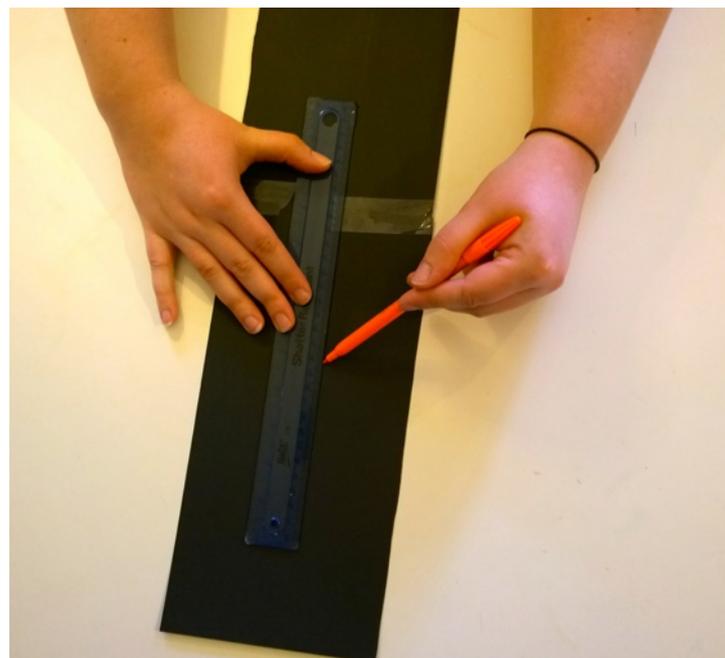
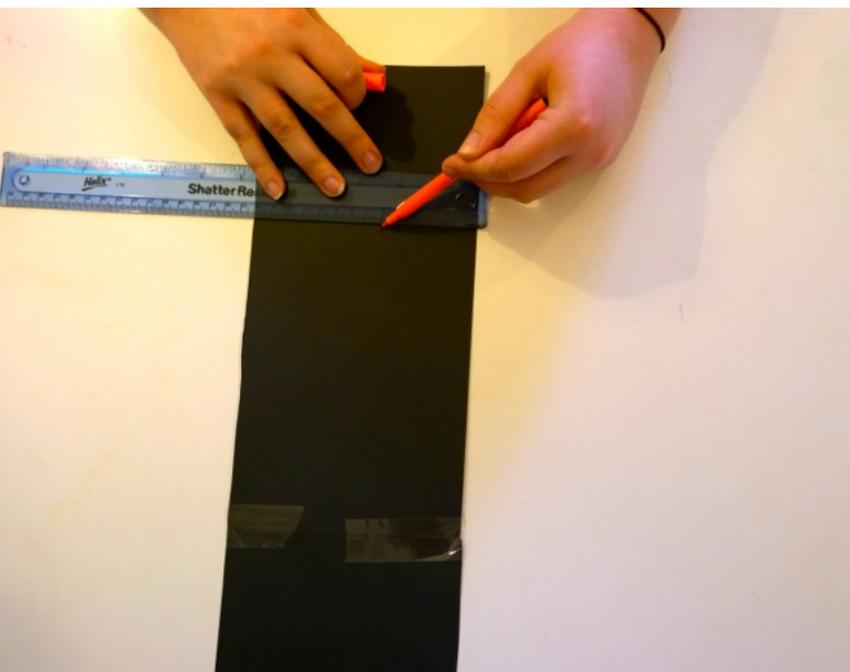
Now to start creating the walls of your Zoetrope take 2 A4 pieces of Black paper or card, we used paper but you can use card to have a more sturdy theatre, fold the paper to leave two thirds of the paper then cut the excess off, do for both sheets



Tape them together to create a longer rectangle but the ends together to make a circle (see if it fits on your plate if it is too bit trim it)



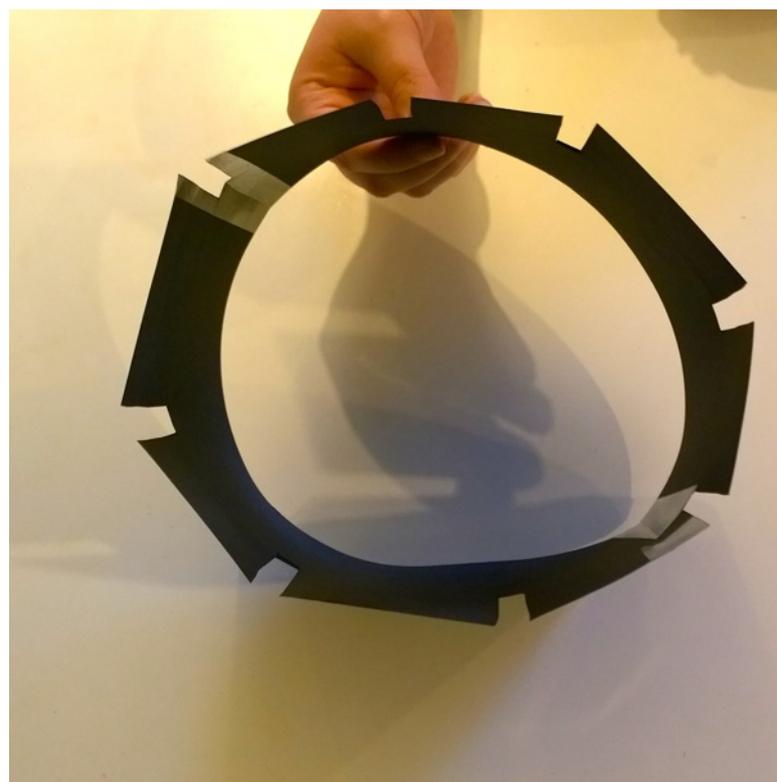
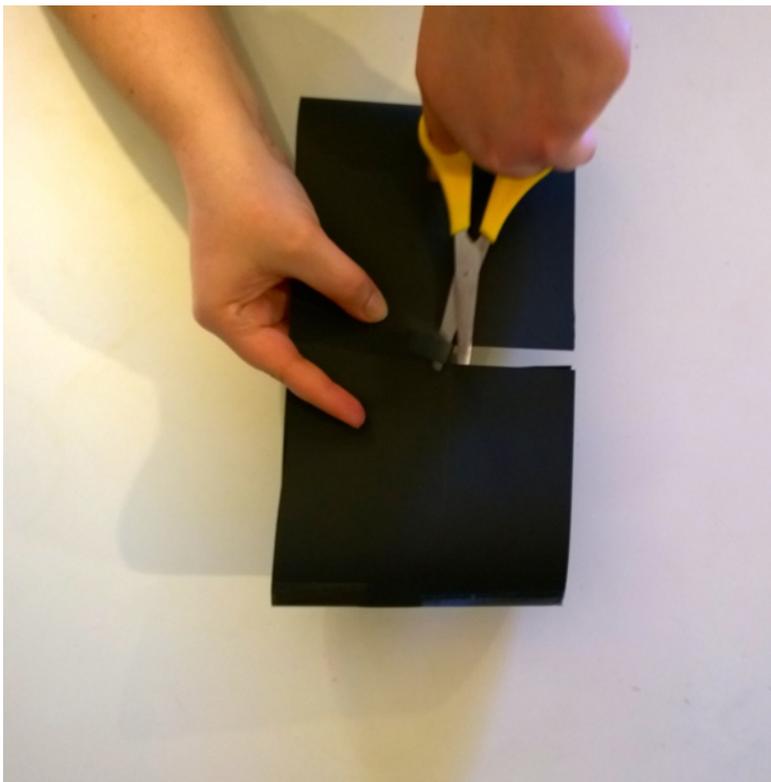
Now it's time to measure! You want 8 slits in the circle at equal distance but we have an easy way of doing it, all you need to measure is a third of the way down the paper and draw a line all the way along as a guide for cutting



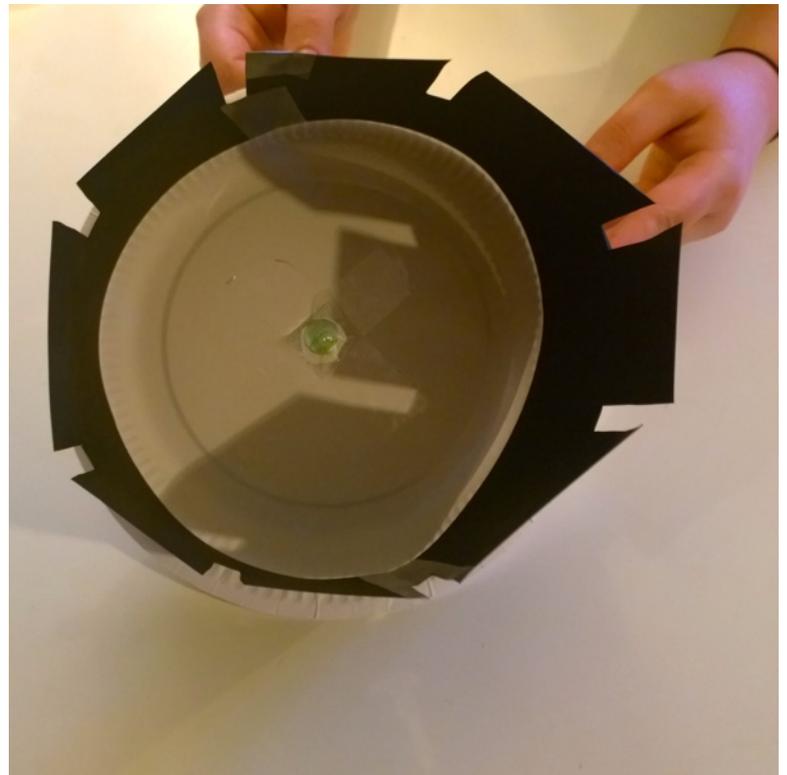
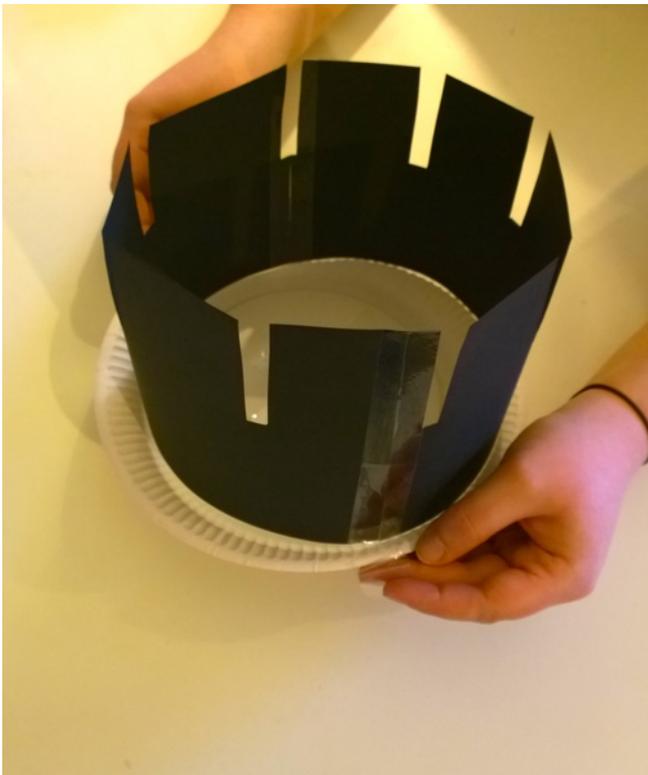
Tape your rectangle together to make it into a circle, it is easier to have your line you drew on the outside so you can still see it!



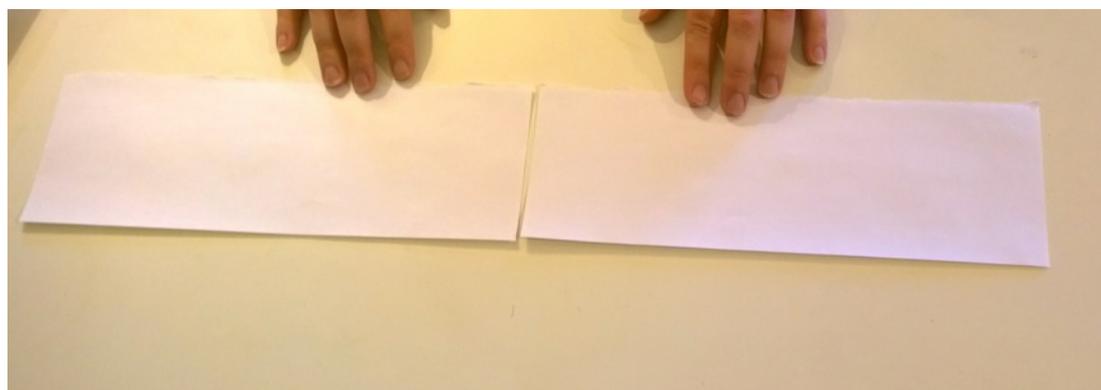
Now the easy way to put in the 8 slits, press the circle sides together and make 1 cut, then at the other ends make cuts. the remaining 2 cuts are in the spaces between the ones you have just made. It should end up looking like this



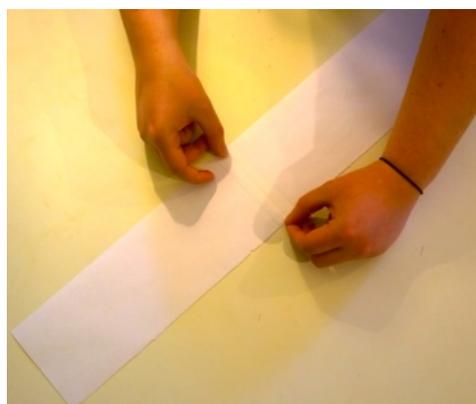
Now you need to tape the black walls to your plate, we put 4 bits of tape on to secure it however you can put more on if needed!



Now onto making your first animation film, measure the paper to fit under the slits in the walls, we used half a sheet of A4 paper you can then stick it end to end



Remember to do it on one side as



you can't draw over sellotape!

Think of your story, the minimum amount of drawings is 6, for a Zoetrope this size maximum 12. For your animation to be successful try to do small actions/movements so it has continuity



Once you have sketched it out you can start colouring it in and adding more details



There you have your finished Zoetrope! Happy animating!

