

Week beginning 6th July	Colour Spinners
Starter	This week your children need to follow the steps to create a colour spinner. What colours make up the rainbow? When do they see a rainbow? Do they know how a rainbow is created? https://www.metoffice.gov.uk/weather/learn-about/weather/optical-effects/rainbows/how-are-rainbows-formed Follow the link above and watch the short video about some unusual rainbows that can be seen. Have you ever seen an unusual rainbow?
Parent	As with the previous weeks, your child needs to follow the initial instructions to create the coloured spinner, and then we would like to see their investigative side emerge to try different variations and explore what happens when variables are changed. Please encourage this exploration and ask 'why' and throughout their experiment.
Activity with your child	YOU WILL NEED: String Card Felt tips or colouring pencils Sharp pencil (to make the holes for the string) METHOD: 1. Draw around something circular, twice, to create 2 circles. 2. Cut out the circles carefully. 3. Divide the circles into 7 sections and colour all the colours of the rainbow (in order). 4. Using a sharp pencil make two holes near to the centre of the disc and then thread the string through. 5. Make sure the disc is half way along the string and then tie a knot in the string so it cannot come out again. 6. Hold the string at each end, putting your finger inside the loop. Loop the disc over the string several times to make the string twisted. 7. Pull your hands apart slightly and the disc will spin. 8. Use a 'yo-yo' action of making the string tight and slack to keep the disc spinning. 9. Ask an adult to help demonstrate if necessary. What do you notice? What colours can you see as it spins round? Can you pick out any of the colours of the rainbow? What happens if you change the sections and colours? <u>INVESTIGATE:</u> Change the colours and the amount of colours on your discs and see what happens when you do this. Are you able to pick out any of the colours if you only put 2 or 3 colours on the disc? Try out different variations and see if you discover that anything different happens. <i>Write a little about what you see and notice and what, if anything, changes when you change the colours, the order, or the amount of colours on a disc.</i>

