

LIGHT AND DARK


Home Learning Challenges




Watch some fireworks together and talk about what you like/dislike, what colours and shapes you saw and the sounds you heard.



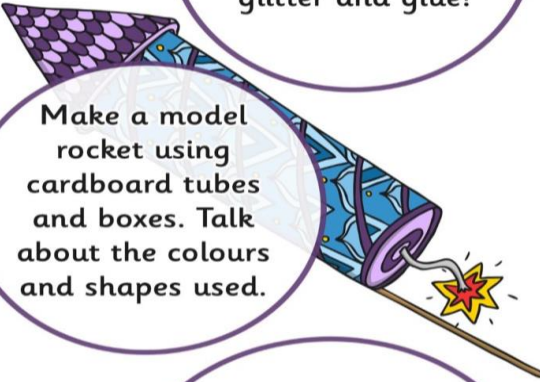
Talk about firework safety rules and why they are important.




Draw a picture of some fireworks and a bonfire. Write some words or a sentence about what you saw and heard.



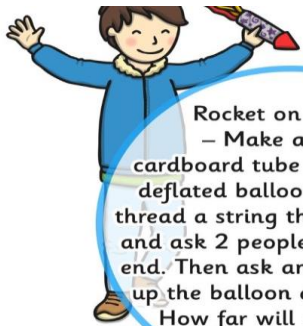
Paint or draw a firework picture. You could use crayons, pens, paint or even glitter and glue!



Make a model rocket using cardboard tubes and boxes. Talk about the colours and shapes used.




There were 10 rockets in the night sky. If 5 of them go BANG, how many are left? You could draw a picture to help you work out the answer.



Rocket on a string
- Make a simple cardboard tube rocket with a deflated balloon taped to it, thread a string through the tube and ask 2 people to hold either end. Then ask an adult to blow up the balloon and release it. How far will your rocket travel?




Go outside when it is dark, or look out the window and talk about what you can see. Can you count the stars? Can you find the moon? Does the sky change from one night to the next?



Create a vehicle that you could use to travel into space. What would it look like? You could create a rocket using cardboard tubes, a spacecraft using old boxes or you could design a different type of vehicle to get you there!



Develop and teach your family your own alien language - what word could you use for 'hello'? How about 'blooba', 'floppa' or 'cookaboo'? You choose - it's your alien language



10 little aliens went flying one night until 6 flew away - how many are left? You could draw a picture or use your fingers to help you work out the answer!

Plan a tea party on the moon for the aliens. You could draw pictures of the food you want at the party. Think about what kind of food an alien might like - star biscuits, rocket jelly or moon cheese balls, the possibilities are endless!

Ask an adult to take you outside when it's dark. What can you see? What can you hear? Do you recognise any animal sounds? Use a book or the internet to research some night time animals.

Find a torch and shine it against a wall. What shadow shapes can you make using your hands and fingers? Can you put toys in front of the torch to see their shadow shapes?

The sun produces light during the day, but at night we have to turn lights on in our homes. What other things can you find that produce light? Can you find any light up toys?