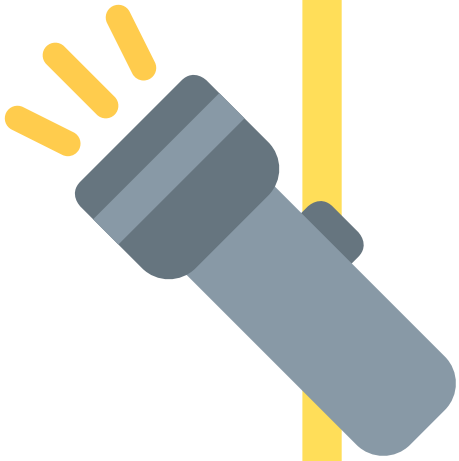
WHAT MAKES A SHADOW?

Your homework this term is to explore our quest question “What makes a shadow?” You have until the Christmas holidays to have a go at as many of these suggestions as you can manage or, think outside the box and explore the quest in your own way! We will share what the class has been working on each week and the work will be displayed on our homework hall of fame in the classroom.



1. Make a list of all the light sources you can find in your house.
2. Make a list of all the places in your house where there is **no** light source.
3. While you are out and about, count all of the light sources you can find.
4. Find out about a time when lights are used in celebrations.
5. Measure your shadow in the same position at different times in the day and record the results.
6. Go stargazing and take pictures to prove it!
7. Draw your star sign constellation.
8. Write a script for your own shadow puppet play.
9. Design a stained glass window.
10. Build a lighthouse.
11. Create a sculpture using reflective materials. You could use old CD's or tinfoil.
12. Write a song or a poem about light.
13. When you look into a spoon your reflection is upside down. Write a theory as to why you think that happens.
14. Try to do some mirror maths. For example 12+8=20 and 20-8=12
15. Take some photos which show light in an interesting way.
16. Write a review of a song or a video about light.

