

Year 6 Project Homework

Title: Lights and Shadows



Reach For The Stars

This homework has been set from week beginning **Monday 19th February 2018**.

The homework project is due in on **Friday 9th March 2018**.

For this project homework, can you please select four or more activities below and complete them. You will present what you have found out to the rest of your class. Please ask for whatever paper you need from your teacher during the homework project.

This homework project is for the whole family to get involved with and we would encourage children to get help completing any of the activities.

Make a shadow puppet. How does the shadow the change?	Find and make a list of all the different light sources. Are they natural or man-made?	Write an explanation about how we see things and how shadows are formed.	Write a fiction story with a shadow included in the plot.
Create a silhouette using materials of your choice.	Use chalk to draw around your shadow. How does it change throughout the day?	Find out how and why we only see certain parts of the moon throughout the month.	Make your own diva lamp, candle or light source.
Create a word search with words related to light, dark and shadows.	Find out how the different parts of the eyes work.	Create a line graph to show how the length of your shadow changed over the course of the day.	Who discovered electricity? How has it changed the way we live today?

Free choice: Pick a project of your own to complete. Remember it has to be about our topic 'Lights and shadows'.

Try these websites at home or in homework club:

http://www.bbc.co.uk/schools/teachers/ks2_lessonplans/science/light_shadows.shtml

http://www.topmarks.co.uk/Flash.aspx?b=science/light_shadows