

Headteacher: Remi Atoyebi
Deputy Headteacher: Penny Seymour



‘Looking at Light’

The homework project is due in on Wednesday 26th June 2024

Each week can you please select one of the 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.

If your child wishes to share their work with the class, they will be given the opportunity to do so at some point.

Write a poem about light/shadows.	Make your own silhouette artwork. Take pictures and share them with us!	Create a timeline showing how light has changed over time.	Create a poster about light and present it to your family. Take pictures and send them to be uploaded on Twitter.
Create a fact file about light. Find out who Thomas Edison was..	Make your own lantern display using different colours.	Find out about famous inventors of any machinery involving lights.	Create a decorated dictionary of words about light with pictures / drawings.
Design and make a pair of sunglasses choosing from a selection of materials – card of varying thicknesses, tape, pipe cleaners, lolly sticks, coloured acetate for the lens etc.	Research and find out how we use energy to make electricity and electric lights – and how this uses up natural resources etc. Then present your research to your family by designing a poster.	Find out how we use energy to make electricity and electric lights – and how this uses up natural resources etc. Then try to think of different ways to present your findings, for example: PowerPoint, poster, song, poem, presentation etc.	Make a shadow clock outside, in the playground etc. Measure length of stick shadow at hourly intervals – how does the length/shape change? Use a bright torch to create profile shadows – draw around them to make a silhouette (avoid looking into the light) – test what happens to the shadow when the light source and/or object are moved closer and further away. Write down your observation of what you could see.

Free choice: Pick a project of your own to complete - remember it must relate to our topic ‘Rise and Shine.’

<https://www.bbc.co.uk/bitesize/topics/zbssgk7>

<https://www.dkfindout.com/uk/science/light/>

<https://www.bbc.co.uk/newsround/48609398>

<https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-hinges/z4qxt39>

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