

Year 6 Weekly Homework Week Beginning 1.2.21

Rights Respecting Articles: **Article 3 -The best interests of the child must be a top priority in all decisions and actions that affect children**

Global Goal 4- Good Health & Wellbeing

MATHS

<https://www.ictgames.com/mobilePage/bottleTakeAway/index.html>

One more/less

Addition and subtraction within 20 Lessons 1-5

LITERACY

Spelling

Fun By Torchlight: A fun way to revise reading sight words or spelling words is to make the room dark and hide the words (written on cards) all around the room. Then armed with torches, go searching and exploring, reading the words as you shine the torch on them.

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Literacy Daily Lessons

Practice mark making. Continue to write your name independently. Practice letters of the alphabet.

HFW game <https://www.starfall.com/h/word-machines/>

<https://classroom.thenational.academy/units/the-king-and-the-moon-a75a>

(lesson 6-10)

Reading - select a book of your choice

<https://www.purplemash.com/sch/osmani>

<https://stories.audible.com/discovery>

ICT

Choose a coding activity to complete.

https://www.purplemash.com/#tab/2code_lessons

ART- Light and Dark

Create a painting, drawing or collage



Science

<https://www.bbc.co.uk/bitesize/clips/z3mb9qt>

Transparent, translucent and opaque

- A transparent material allows almost all of the light falling on it to pass through. If you look through a transparent material you will be able to clearly see the shape, outline and colour of objects on the other side of it. Clear glass is an example of a transparent material.
- A translucent material allows some light to pass through, but reflects or absorbs the rest. If you look through a translucent material you will be able to see the vague shape of an object behind it, but will not be able to make out the detail. Greaseproof paper and frosted glass are good examples of translucent materials.
- An opaque material does not allow any light to pass through it. It either reflects or absorbs all of the light that falls on it. If a bright light is shone on an opaque material, it will cast a shadow on the surface behind it.

Amir to go exploring and find materials that are transparent, translucent and opaque/

Sort and share.

Geography

https://www.youtube.com/watch?v=v_gUK8U9dE0

Watch the story about maps and then create a map of your own bedroom or room in your house.

Finish with the directions song.

https://www.youtube.com/watch?v=f2l81_BFb-s

Science: Make a Rainbow



Make your very own rainbow with light, a glass of water, and a piece of paper!

What You Need:

- **A glass of water**

- A sheet of white paper
- A sunny day or a flashlight

Instructions:

1. Fill the glass almost to the top with water.
2. If you are using sunlight, place the glass so that it is half on and half off the edge of a table, and so that the sun shines directly through the water, onto a sheet of white paper on the floor.
3. Adjust the paper and the glass until a rainbow forms on the paper.
4. If you are using a flashlight, place the glass of water on the white piece of paper, and move the flashlight around until you see a rainbow on the piece of paper

Why?

Light is made up of many colors, and when it passes through water, it is broken up into the other colors seen in a rainbow.



The rainbow in this picture was made with a flashlight, and can be seen near the bottom of the glass. It was not a very big rainbow, but once the flashlight was placed just right, there it was!

PE 10 minute shake up

