

# Year 3 Summer 2



**Our School Prayer**  
This is our school,  
Let peace dwell here,  
Let the rooms be full of contentment.  
Let love abide here,  
Love of one another,  
Love of mankind,  
Love of life itself,  
And love of God.  
Let us remember  
That as many hands build a house,  
So many hearts make a school.

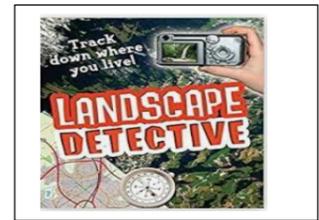
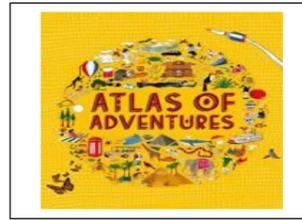
## Theme The United Kingdom

### Science-Light and Shadows

#### Light and Shadows Fact Sheet

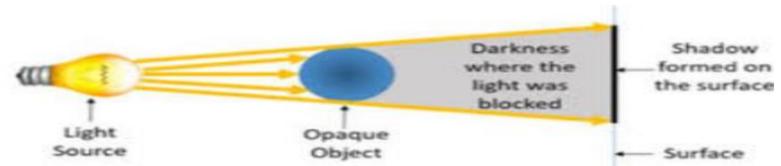
<p>S.O.S.</p> <p>A shadow is formed behind an object when it blocks the light.</p> <p>source → object → shadow</p>	<p>Some light can pass through translucent materials, such as sun glasses.</p>	<p>The sun is a source of light. The moon is not a source of light. We can see it because it reflects light from the sun.</p>
<p>A mirror is highly polished and reflects light. We can see images of ourselves and other objects in mirrors.</p>	<p>Light is blocked by opaque materials, like this mug.</p>	<p>A periscope has two angled mirrors, that reflect the light. This enable us to see around corners</p>
<p>Clear glass is transparent and allows all light to pass through.</p>		

### Lead Texts for English



### Science

We will be learning about light, reflections and shadows. We will learn about different sources of light, and that we need light to see. We will investigate materials to see which ones are transparent, opaque and translucent. We will also find out how shadows change when the distance between the object and light source changes.

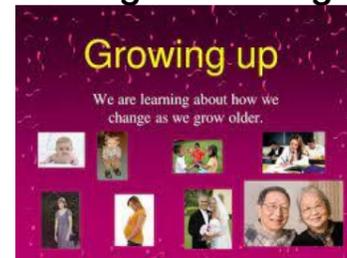


### Key Vocabulary

- Reflect-send back light from a source.
- Glare-shine with an unpleasant dazzling light.
- Opaque-not able to see through.
- Transparent-is able to see through.
- Translucent-allows light to shine through.
- River-large stream of water flowing in a natural channel.
- Mountain-a very high hill.
- Human made-a feature made by a human eg a building.
- Natural feature-a physical feature of the land eg hill, lake
- Country-the land occupied by a nation.
- County-each of the main areas that a country is divided into for local government.
- Population-the total number of people who live in a district or country.

### Well-being/RHE

#### Growing and Changing



### Maths Fluency

In our fluency lessons this term, we are focusing on using the column addition and subtraction method, especially where we need to regroup (carry over/exchange). We will also be looking at the value of a digit in a three digit number, comparing and ordering numbers and counting up and back in multiples of 3, 4 and 8. We will also be reviewing our work on reading the time to the nearest 5 minutes.

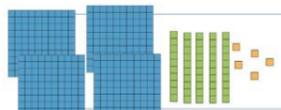
Here are some example questions:  
Are these calculations correct?

$$\begin{array}{r} 60 \\ + 10 \\ \hline 70 \\ + 2 \\ \hline 72 \end{array}$$

$67 + 15 = 72$

$$\begin{array}{r} 50 \\ - 20 \\ \hline 30 \\ + 3 \\ \hline 33 \end{array}$$

$52 - 25 = 33$



There are ... hundreds  
There are ... tens  
There are ... ones  
The number is ...

### Geography- United Kingdom

In this unit, we will take a look at the geography of the UK - from the physical features of mountains, rivers and seas to the man-made administrative regions and counties. We will find out how the UK has changed over time, looking at how London grew and how the population of the UK as a whole has changed throughout the course of history.

### Geography-United Kingdom

#### Facts about the UK



Ben Nevis is the highest mountain in the United Kingdom. It is 1,344m tall.

1. The full name of the UK is the United Kingdom of Great Britain and Northern Ireland.
2. The official language is English. The recognized regional languages are Scots, Gaelic, Welsh, Irish and Cornish.
3. The main religion is Christianity. 60% of people are Christian.
4. The second biggest religion in the UK is atheism, at 27%.
5. The money used in the UK is Pound sterling.
6. There are 15 National Parks in the UK which cover over 8% of the land area.
7. There are 27 World heritage sites in the UK.
8. The UK is the 80th largest country in the world.
9. The internet country code for the UK is .uk
10. The UK has no active volcanoes.

### R.E.

This half term, we will be continuing our learning about Incarnation. In our lessons, we will be making links between some of the texts and teachings about God in the Bible and what people believe about God in the world today, expressing some ideas of their own. John 1:1-14: God, Creation, Word, Light, Living amongst us.

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**Below are some activities that you could explore at home, linked to our theme.**

**These projects can be worked on over the whole half term.**

**You can complete as many as you'd like to.**

**Please send photos of your completed projects into school using the TEAM platform as each week we will share and celebrate completed projects in class.**

1. Look at a recipe book. Can you find any features the same? Can you identify the imperative verbs? Now pick one of the recipes and follow each step to make the item. Take a picture of what you have made and send it in for us to see.
2. Can you think of a new game for us to play at playtime? Write a set of instructions with pictures, for a new playtime game. Remember to write in a logical order, include numbers, equipment and use different imperative verbs to start each instruction.
3. Your shadow changes throughout the day. Can you draw a poster to show how it changes and explain why it happens?
4. The moon can light things up at night, but it is not a light source. Can you write an explanation to explain why it appears to emit light? You might want to add in pictures to help you explain.
5. Sit in front of a light source to create a shadow of your face in profile. Ask someone to draw around your silhouette. Now cut it out and take a photo of it for us to see.
6. Find out what our county symbol/crest is. Draw it and find out why it was chosen. Can you design your own crest for our county? Use features from our county in your design.
7. Draw a map of your local area. Add in key features and add labels to explain your features.
8. Design your own island home. You will need to include: a hill, river, village, town and other key features, for example, a leisure centre. Can you write co-ordinates for each feature?
9. Find out about the four capital cities of the United Kingdom. Can you write a quiz about the 4 capital cities for someone to answer?
10. Population is just one way that the U.K. has changed over time. Find out about other things which have changed over time, for example, housing, food, jobs, life in school. Once you have completed your research, put together a powerpoint to show what you have found out.
11. Find out how the population of England has changed since AD43 to now. Can you put your findings into a bar chart? For an extra challenge, can you write some questions for someone to answer?
12. Can you design a poster to help someone understand what we mean by equivalent fractions?

## **Short paragraph summarizing theme of the half term.**

Our theme for this half term is The United Kingdom. We will be learning all about maps, co-ordinates and we will be using this information to design and make our own 3D maps. We will also find out about the 4 capital cities of the U.K. and natural and human made features.

We will also be investigating light sources, including the Sun, and we will be carrying out a shadow investigation.

In our writing, we will be learning all about instructions and we will link our understanding to follow and write instructions for a warm up for P.E. As with last half term, we will continue to promote positive strategies for mental well-being and promote a love of learning.