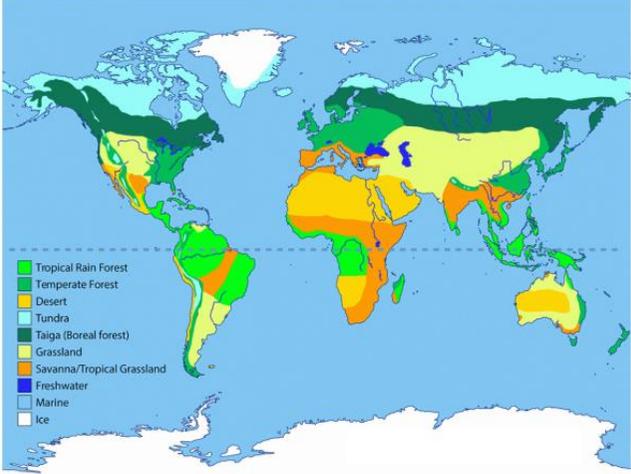


## Year 5 Autumn Term 2 2023 Learning Challenge

Successful Learners	Why are biomes important to the world? Arctic, Antarctic and Polar regions	Successful Learners
<p style="text-align: center;"><b>Areas of Learning</b></p> <p><b>As mathematicians</b> we will be finishing off adding and subtracting 4-digit numbers and higher alongside completing multi-step addition and subtraction problems. We will look at multiplication and division methods. We will look at multiples, factors, prime numbers, square and cube numbers. Additionally, we will begin our work on fractions, this includes recognising equivalent fractions, comparing fractions and converting fractions. We will also be focusing on how to add and subtract fractions.</p> <p><b>As scientists</b> we will be using scientific vocabulary as we explore and explain earth and space. We will be looking at the orbit of the Earth around the sun and how that causes a change in seasons and weather. We will also be looking at the moon and its orbit. Finally, we will be proving an experiment looking at the length of a shadow at different times during a day.</p> <p><b>As computer scientists</b> we will be looking at coding. We will be designing our own games and look at debugging programs.</p> <p><b>In Physical Education</b> we will be going swimming every week and take part in various athletics events.</p> <p><b>As design technologists</b> we will use our knowledge from our learning challenge, to design and make a program that would help an explorer in a polar region.</p>		<p style="text-align: center;"><b>Areas of Learning</b></p> <p><b>As writers</b> we will be exploring and understanding the importance of poetry as a genre, and know that poems are written for a variety of reasons. We will begin to recognise different uses of language in poetry and the effect that it has on the reader and also draft and compose our own poetry..</p> <p><b>As readers</b> we will read a range of knowledge bursts about biomes and climate zones and learn new vocabulary relating to this. We will also continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference or text books. We will read books that are structured in different ways and read for a range of purposes. We will recommend books that we have read to our peers, giving reasons for our choices.</p> <p><b>As geographers</b> we will understand key aspects of physical geography including biomes and climate zones. We will create maps of locations, identifying patterns such as climate zones. We will understand some of the reasons for geographical similarities and differences between countries.</p> <p><b>In Religious Education</b> we will know that there are significant women in the Bible, who made incredible choices that impacted God’s big story. We will know that people of faith face great challenges yet remain true to their faith. We will make links between our own values and the values of others.</p>
	<p><b>Christian Values</b></p> <p><b>Thankfulness, Honesty, Love, Hope, Forgiveness, Compassion, Friendship, Trust.</b></p> <p>Our value this half term is friendship. We will learn that it is important to find friendship through God in order to support everyone be the best version of themselves, achieve their goals and make the world a better place.</p> <p><b>“Do to others as you would have them do to you.” Luke 6.31.</b></p>	
	<p><b>Character development - Spirituality</b></p> <p>Through our learning we will learn to understand how to take risks and grow through our successes and failures – learning from our experiences and using them to help us in our next steps. We will develop our understanding of our emotions when we take risks, succeed or fail and how to use them to help us.</p>	
	<p><b>Building Learning Powers</b></p> <p><b>Reciprocity, Resourcefulness, Reflectiveness and Resilience</b></p>	
<p>This half term we will be stretching lots of our building learning power muscles. In particular, we will be stretching our linking muscle to use prior knowledge of the world around us to our current learning in Year 5. We will also be using our collaborative muscle to remind ourselves how we can achieve the best outcomes with the support of our peers. We will be using our noticing muscle when using a map to locate biomes and climate zones. We will learn to persevere when gathering knowledge from a range of geographical sources and use our distilling muscle to choose the most relevant pieces of information. We will be resourceful when thinking about climate change and planning the ways in which we can positively impact this current problem.</p>		

Dear Parents,

The children worked very hard over last half term and did some amazing learning! They have continuously used their BLPs and growth mindset to help them to achieve this. We are very much looking forward to learning new things this half term.

### **Reading**

Your child will be given a reading book to take home as well as a library book. When their reading book needs changing, they will need to let an adult know and your child can change their book. Your child should be reading daily at home for about 10 minutes a day and recording it in their reading diaries. In school, they will take part in daily reading sessions within their English lessons.

### **Homework**

Homework will be sent home on a Friday and is to be completed by the following Wednesday. This will link to work we have done in class but children may need your support. Remember also, reading, spellings and times tables need to be practised regularly.

### **PE**

We will be doing PE on Wednesday each week. The Wednesday session is with the sports coach. Please remember to keep your PE kit in school so that it is available for lessons. Also, could you please check that your child's PE kit has their names in all items to reduce the chance of loss. As part of our PE in year 5 we go swimming every Tuesday. The children will need to come to school with their swimming costume/trunks underneath their uniform and bring a towel, underwear and a hair brush or comb in a bag for after the lesson. As we will be walking to the swimming pool, the children will need to have a coat with them.

### **Forest School**

This half term we will be taking part in Forest School on a Wednesday afternoon. The children will be going out in all weathers so will need to bring: a pair of wellies or old trainers, a spare pair of socks and an extra layer (e.g. a hoodie).

Thank you for your support, please feel free to come and see me if ever you have any queries or concerns or you simply want to discuss your child's progress. The Year 5 team.

# St George's CE Primary School



## Information

# YEAR 5 Autumn Term 2 2023

Name: