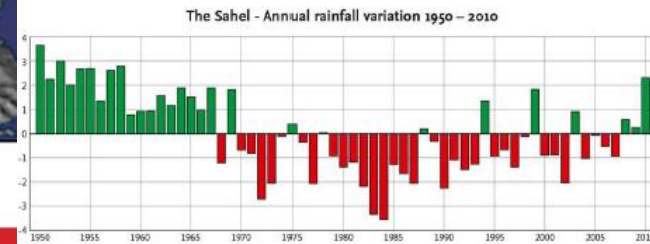
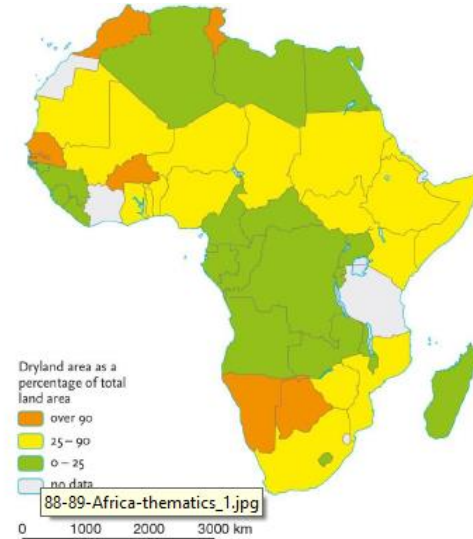
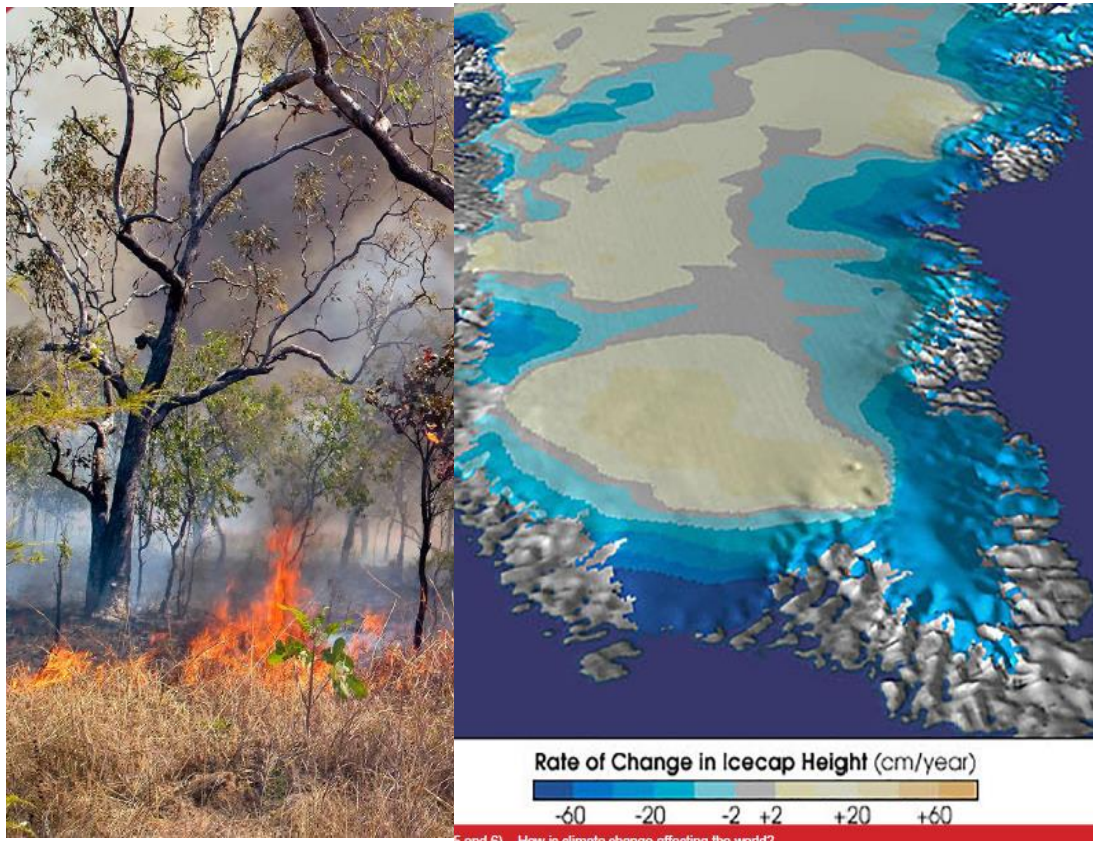
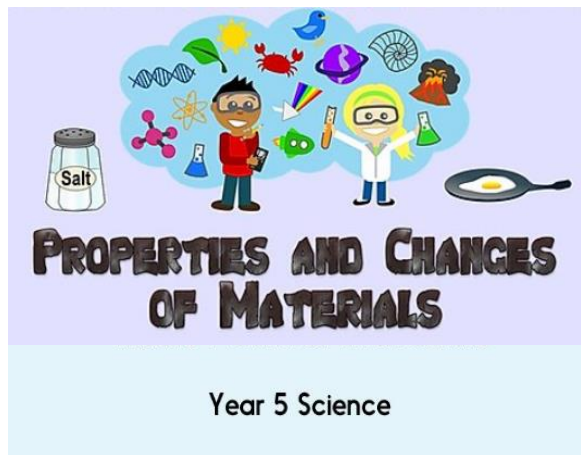


Spring 2-How is Climate Change affecting the World?



Science



In Science, the children will continue to develop their knowledge of materials by looking at the changes that happen during reversible and irreversible reactions.

They will:

- Investigate soluble materials
- Investigate methods of separating materials.
- Investigate irreversible reactions (the chemistry of cooking)
- Investigate irreversible reactions (oxidation)
- Investigate new materials that have been created.

SMSC - How can we use knowledge of solubility to solve the plastic problem? How has eating cooked foods affect humans' evolutionary development?

English

This half term children, will be looking at the poetry of Thomas Hardy. They will look at the poems; *Throwing a Tree*, *Darkling Thrush* and *I look into my glass*.



In Grammar, Punctuation and Spelling lessons, children will continue to use a variety of tenses and sentence structures including: the past perfect tense; the subjunctive form and modal verbs. They will continue to use semicolons to separate linked clauses and dashes to add extra information. Their spelling lessons will consist of learning words which have silent letters, prefixes, suffixes, hyphenated words as well as the etymology and morphology of some of the Year 5 / 6 spelling words.

Humanities

This half term, children will be focusing on Geography. They will learn to:

- ~**Identify, describe** and **explain** why communities in The Gambia are being affected by changes in weather patterns associated with climate change and **evaluate** the impact on people
- ~**Evaluate** a range of evidence, reach a **conclusion** and make **judgements** as to the impact on people of changing weather patterns in Victoria in Southeast Australia
- ~Understand why some coastal communities are having to make flood resilience plans in order to cope better with changes that are occurring in weather patterns and to sea levels and make judgements about what should be included in them
- ~Reflect upon and evaluate different viewpoints and reach a personal judgement about the implications of changing weather patterns on the people of Greenland
- ~Understand how and why countries around the world have acted to reduce global warming and reach a judgement about how effective this might be
- ~Describe and explain how each of the main renewable sources of energy works, evaluate their advantages and disadvantages and make a judgement regarding which would be most suitable for the poorest countries in the world

SMSC - How have you seen changes in weather patterns in your lifetime? What about your parents or relatives? With a large coastline should the UK be doing more to prevent flooding?
Could we predict flooding?

RE

In RE children will be learning about the Christian concept of Salvation.

By the end of the half term, it is expected that:

- Pupils know the outline of events of the crucifixion (Passion narrative) from John 19. That is: The soldiers mock Jesus; Trial before Pilate; Jesus carries his cross; Soldiers crucify Jesus; Jesus Mary and John; Jesus dies; Jesus side is pierced; Jesus is buried in Joseph's tomb.
- Pupils will know that Christians believe that Jesus sacrifice on the cross was a way of paying for all the sins of mankind. That as a result they have been 'saved' or rescued by God.
- Pupils know about the Isaiah 53 passage and can make connections to John 19 using the idea of the suffering servant. They use terms like Messiah, Passion, Salvation and Sacrifice in theological context.
- They know that Christians remember Jesus' sacrifice through the service of Holy Communion/ Lord's Supper/The Eucharist/the Mass). They are able to explain denominational difference in practice.
- They know that some Christians feel called to sacrifice their own needs to the needs of others and they can give an example of this.

SMSC - What did Jesus do to save human beings? Why did Simon help Jesus? Would you have done the same? What sacrifices do your family make for you? What sacrifices do you make? What causes would people sacrifice their needs for today?

Maths

During Inspire Maths lessons, children will be building on their knowledge of fractions to complete decimal and ratio topics. They will also learn the formula to calculate the area of a triangle.

In Mental Maths sessions, children will be developing their understanding of equivalents of decimals, fractions and percentages as well as complete SATs style questions with greater accuracy and confidence.

Art/DT

This half term, children will be working with a variety of media as well as textiles. They will learn:

- To create a watercolour painting in the style of William Turner's shipwreck
- To create a watercolour painting in the style of William Turner's shipwreck
- To create a watercolour painting in the style of William Turner's shipwreck
- To sew a daffodil
- To create a batik
- To create a bottle holder from an old t-shirt.

SMSC - Why do places have such an importance throughout our lives? Can you be defined by where you are from? What are patterns and fabrics originating in the UK?