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| **Year 6 Topic: “Extreme Earth” Autumn Term B, Year 2018/2019**This half term Year 6 will be learning through the topic, “Brilliant Britain”. Below is a summary of what your child will be covering in each subject, with suggested activities you could do to support the work done in school. |
| **English:**Our ideas for our writing will come from reading and talking about:* Writing different sides of the argument – understanding both for and against arguments.
* The use of factual language and evidence when trying to back up ideas.
* Using persuasive techniques effectively to convince your reader.
* Researching information to encourage the reader to really consider what you are writing.
* Revising types of sentences and using them in contexts, including simple, compound and complex sentences.

**Parents please would you:*** Talk to your child about how different advertising can be persuasive.
* Talk to your child about using more advanced/interesting vocabulary.
 | **Maths:**Maths topics we will cover include:* The place value of decimal numbers.
* Multiplying and dividing using decimal numbers to one and two digit places.
* Measurement of different items and converting these between cm, m, etc.
* Measuring the area and perimeter of regular and irregular shapes, including triangles.
* Reasoning problems and investigations using a range of mathematical skills.

**Parents please would you:*** Encourage your children to learn the x tables, (up to 12 x 12), if they have not done so already.
* Use mental maths in everyday activities, e.g., shopping.
 | **Science:****“Classifying Organisms”**We will be investigating:* How we use characteristics to group organisms.
* Carl Linnaeus and his classification system.
* What are micro-organisms and how are they grouped.
* Comparing and contrasting organisms in our local environment vs other parts of the world

**Parents please would you:*** Talk to your child about the different animals and habitats that exist across the world and what they need to survive.
* Discuss the different types of animals that live in our local area vs that of other areas.
 | **ICT:** **Spolder**We will focus on using the Spolder Program.**Skills and Techniques**We will be:* Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
* Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

**Parents please would you:*** Allow your child to extract information from websites approved by you.
* Discuss how websites and apps require programming (coding) in order to operate.
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| **History/Geography:**We will be:* Comparing and contrasting the climates of different countries.
* Studying the extreme weather that occurs across the world
* Researching how different aid agencies help those who have been effected by natural disasters

**Parents please would you:*** Discuss geographical features of different places in the world.
 | **R.E.: “From Advent to Christmas”**We will be:* Looking at the history of Advent and how we celebrate it today.
* Comparing the different ways Christians across the world celebrate Christmas.
* Reading the Gospel and comparing and contrasting the stories.

**Parents please would you:*** Discuss why we pray.
* Discuss different family or religious traditions you have for Advent and Christmas.
 | **Other:****PE: Games & Ball Skills**We will be:* Developing flexibility, strength, technique, control and balance, for example, through athletics and gymnastics.
* Participating in the Daily Mile

**Parents please would you:*** Ensure your child has the correct PE kit in school. Each item must be clearly labelled with your child’s name. PE kits remain in school for the duration of the half term.
* PE lessons this half term are on Wednesdays, although PE lessons can occur on any day of the week, especially if the Wednesday session has been cancelled.
 | **Homework:*** Children have reading homework every night. Please sign the reading record when your child has finished reading their book. Regular reading is the most important of all homework.
* Spelling tests from the spelling lists are normally tested on Fridays.
* Multiplication tables are tested regularly.
* Maths and/or reading comprehension work is also given weekly.
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| **Art/Design:**We will be:* Learning about and creating our own artworks that depict different examples of extreme weather.
* Designing models of different animals and their habitats.
 | **Music:**We will be:* Composing patterns and rhythms.
* Learning songs for performances.
* Reading musical notation.
 | **Personal, Social, Health & Citizenship Education****“Working towards the Common Good”*** This theme provides opportunities for children to reflect on the needs of others across the world and how we can all do our part to help.
 | **Some Useful Websites:**<http://www.bbc.co.uk/bitesize/ks2/><http://www.bbc.co.uk/schools/><http://www.topmarks.co.uk/> |