**Year 5 Our Work This Term – Autumn 1**

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| **Subject** | **Areas studied** | **How to help your child at home** |
| **English** | Narrative in a familiar setting.  Instructions.  Poetry. | Reading at home at least 3 times per week. Reading Diaries are checked on a Friday and should be signed weekly by a parent.  Encourage children to discuss what they have read.  Encourage children to learn their weekly spellings, tested on a Friday |
| **Maths** | **Number – place value**  Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.  Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.  Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.  Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000.  Solve number problems and practical problems that involve all of the above.  Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. | Regularly complete Maths Whizz homework as this will help your child with Maths work they are struggling with.    Encourage children to demonstrate their working out and explain their mental methods.  Which place value column do we need to look at when we round  the nearest 1,000?  What is the value of each digit?  Where do the commas go in the numbers?  When do we use negative numbers and why?  Prepare for times tables tests every **Monday.** |
| **Science**  C:\Users\Year 3\Desktop\Y5 2015-2016\Science\Science picture.gif | Materials | Continue our discussions and investigations about the different materials that you can find in your house. Talk about whether solids are always hard and use comparative and fair tests to draw conclusions about hardness, transparency and conductivity. |
| **History/**  **Geography** | The Amazing Americas | In this unit about the amazing Americas, children will first find out about the continents of North and South America, and the countries  that form them. They will then look in more detail at some of the contrasting areas of North America, finding out about the landscape,  climate and locations in each area. At the end of the unit, children will research a trip to an area of North America and create tour guides  to share what they have found. |
| **Computing**  **ICT.jpg** | We are game developers. | Encourage children to talk about games that they enjoy. Discuss what they like about particular games. What devices do they play games on? Ask them to explain how the games work. Can they describe the controls and actions involved?  Help children create an account and design their own video games on the Scratch website <https://scratch.mit.edu/> |
| **PE** | Cognitive Skills  (Hockey) | Encourage children to be active and work on their balance and direction during play and games. |
| **SMSC & SRE** | New beginnings and friendships. | In SMSC we will be exploring Democracy, Harvest and local charities. |
| **RE**  **Bible.png** | What guidance to follow?  Who is Jesus? | Discuss the question together. Talk about where they get their guidance from and how they could offer guidance to somebody else.  How do Christians view Jesus. |