Dear parents,

Below are some things your child should be able to do at the end of this half term.

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| **English*** To use a range of cohesive devices (for example, the use of **adverbials** such as on the other hand, in contrast, or as a consequence), within and across sentences and paragraphs.
* To use the passive voice to add a more formal tone to piece of narrative or non-narrative writing.
* To explain and justify inferences with evidence from the text, when reading classic fiction.
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| **Maths*** To divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division.
* To solve problems involving the calculation of percentages (for example, 27% of 360) and to make use of percentages for comparison
* To use standard units of measurement to calculate the area of parallelograms and triangles and the volume of cubes and cuboids.
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| **Science*** To recognise that light appears to travel in straight lines, using this to explain why shadows have the same shape as the objects that cast them.
* To use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.
* To explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.
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| **Topic*** Tounderstand the nature of bias and how our knowledge of the past is constructed from a range of sources, when undertaking historical research.
* To select from and use a wider range of tools and equipment to perform practical tasks, when making a controllable vehicle.
* To develop an understanding of basic enterprise skills.
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| **Web links*** <http://amathsdictionaryforkids.com/dictionary.html>
* <http://www.keystage2literacy.co.uk/countdown-letters-game.html>
* <http://www.everyschool.co.uk/science-key-stage-2-light.html>
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| **Texts we are reading in class this half term.**Goodnight Mister Tom, by Michelle Magorian, and The Jabberwocky, by Lewis Carroll. |

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| **Project** |
| * *Your creative project should be completed over several sessions (researching, planning, editing and presenting). This will help to develop study skills such as, planning out a task, managing your time and having the self- discipline to work independently.*
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| **Your creative project is:** Linking together our Science topic of light and History topic of WW2, we would like you to design and create a periscope. * Design – draw a design of your periscope and label it to demonstrate how it will work (A4 – no bigger).
* Periscope – create a working periscope using whatever materials you would like but try not to make it too big (we want to use them around the school).
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| **You have 8 weeks****in this half term.** | **Date task set:** **Week commencing 5 November, 2018** | **Date it is to be returned to school:** **Week commencing 10th December, 2018** |