

Year 6 Learning Overview- Autumn 2

English	Maths	Science	Knowledge work	PE
Our focus in English this half term is Non-Fiction where children will immerse themselves in a variety of biographies based on different famous people. We will mainly be focusing on the life of Walt Disney before exploring the life of William Shakespeare.	This half term we will be focusing on fractions where children will be adding and subtracting fractions as well as multiplying and dividing fractions with integers. Children will also be looking at position and direction as part of our shape unit.	In Science, we will be understanding light and reflection by exploring how light travels in straight lines and understanding how this explains observations of shadows and reflection.	In History we will be exploring the question, 'what does the Census tell us about our local area? In this unit, we will explore the purpose and creation of a census as well as understanding what life might have been like in the 1800s and early 1900s as a result of the census.	This term our PE sessions will take place on a Monday morning and Wednesday afternoon. Please ensure any earrings and jewellery are taken out before school as we are unable to do this. Our focus this half term is gymnastics and football. Children will need to carry out gymnastics in bare feet or appropriate trampoline socks.
Computing	RE	French	Music	DT
In computing, we will be focusing on Spreadsheets where we will learn skills in formatting and entering specific formulas. We will also learn investigative skills in using the spreadsheet to solve specific problems and finally get the opportunity to design our own spreadsheet.	In RE this term, we will be looking at the religion of Hinduism. The question we will be exploring is: Is there one journey or many? We will explore Hindu beliefs about karma and reincarnation and how these might impact on the way a believer lives.	In French, we will continue to look at French sport and the Olympics. At the end of this unit, children will be able to pronounce the name of a sport accurately and confidently and construct simple sentences to say whether or not they play a sport.	In Music with Miss Cottam, we will be exploring the musical concept of theme and variations and discover how rhythms can 'translate' onto different instruments in a Pop Art theme.	In DT with Mrs Swash, children will design and program a navigation tool to produce a multifunctional device for trekkers using CAD 3D modelling software. Children will also pitch and explain the product to a guest panel.
Independent writing	PSHE and SMSC			
Our extended writing will take place every week. There will also be cross- curricular writing opportunities regularly.	Our theme for this next half term is Worry. Children will identify how we can reduce our feelings of worry and explain how we can support others who feel worried.			

Year 6 Homework Overview – Autumn 2

Parental support and partnership with school is paramount. We are asking you to support your child with regular, quality learning at home. Please find attached this half term's homework overview. We ask that this becomes part of your home learning routine.

Maths

We would like children to access **TT Rockstars** or **Hit the Button** to maintain quick recall of the times tables and at least one lesson of **Mathsletics** to be completed every week (children can receive Bronze, Silver, Gold and Platinum certificates)

Spellings

New class spellings will be sent home every Monday. Children will be tested on their spellings every Friday.

Reading

It is an expectation that children read their book three times a week (minimum 10 pages) and log it in their reading journals. Children can win a hot chocolate for reading regularly at home.

Bedrock Learning

Please complete two sessions of **Bedrock learning** each week. Vocabulary is essential to children's progress in reading.

Creative Ideas

This half term's creative activities are:

- Create a periscope at home to help understand how we can look around walls, corners or other obstacles – **Science**.
- Create a fact file to explain what life was like for Victorian children – **History**.
- Design a 'Game of Life' using a snakes and ladders board layout. Pupils could add own suggested positive/negative actions to the bottom of ladders/top of snakes – **RE**.



Year 6 Vocabulary Mat

Please use this vocabulary mat to help your child learn the new vocabulary they need to support them in their current topic.

Year 6 Autumn 2		
<u>Science: Light and Reflection</u> light light source light ray luminous non-luminous transparent translucent opaque shadow reflection	<u>English: Biographies</u> childhood education graduated qualified career entrepreneur embarked accomplished innovative succeeded	<u>Maths: Fractions</u> equivalent fractions simplify denominator numerator integers mixed numbers proper fraction improper fraction
<u>History: What can the census tell us about local areas?</u> census decade head of household historical enquiry inference local history occupation politics reliable suffrage	<u>RE: Hinduism</u> Dharma Reincarnation Karma Moksha Samsara ashrama	<u>DT: Digital World</u> navigation cardinal compass pedometer GPS tracker design brief design criteria duplicate / replica loop variable boolean sustainable design biodegradable / recyclable