



WELCOME TO  
Larch CLASS

2019-20

# Teachers in Larch Class

## Mrs Brown

- Monday
- Tuesday
- Wednesday

## Mrs Beers

- Thursday
- Friday

## Rotation:

### Monday pm

French (Mr Davies)  
&  
Music (Mrs Brown)  
(1<sup>st</sup> half-term)

RE (Mr Shinn)  
&  
Computing (Mr Wilson)  
(2<sup>nd</sup> half-term)

# Topics this year

Autumn – To Infinity and Beyond

Spring – Treasure

Summer – Kings and Queens



# Science

- plan different types of scientific enquiries to answer questions
- take measurements, using a range of scientific equipment, with increasing accuracy and precision
- record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- use test results to make predictions
- report and present findings from enquiries
- identify scientific evidence that has been used to support or refute ideas or arguments.

Earth and  
Space

Forces (gravity,  
resistance,  
friction)

Living things and  
their habitats (life  
cycles &  
reproduction)

Properties &  
changes of  
materials

Animals including humans  
(changes in the human bodies,  
including puberty)



Word list – years 5 and 6

# In Mathematics

## Statutory guidance

read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit  
count forwards or backwards in steps of powers of 10 up to 1 000 000

count forwards and backwards with positive and negative whole numbers, including through zero

round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

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.

add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

add and subtract numbers mentally with increasingly large numbers

use rounding to check answers to calculations

solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

# In Mathematics

## Statutory guidance

identify multiples and factors

know and use the vocabulary of prime numbers

multiply numbers up to 4 digits by a one- or two-digit number using a formal written method

multiply and divide numbers mentally drawing upon known facts

divide numbers up to 4 digits by a one-digit number using the formal written method of short division

multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

Compare, order, add and subtract fractions

identify, name and write equivalent fractions of a given fraction

recognise mixed numbers and improper fractions and convert from one form to the other

multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

read and write decimal numbers as fractions

recognise and use thousandths


round decimals with two decimal places

read, write, order and compare numbers with up to three decimal places

solve problems involving number up to three decimal places

recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction and as a decimal

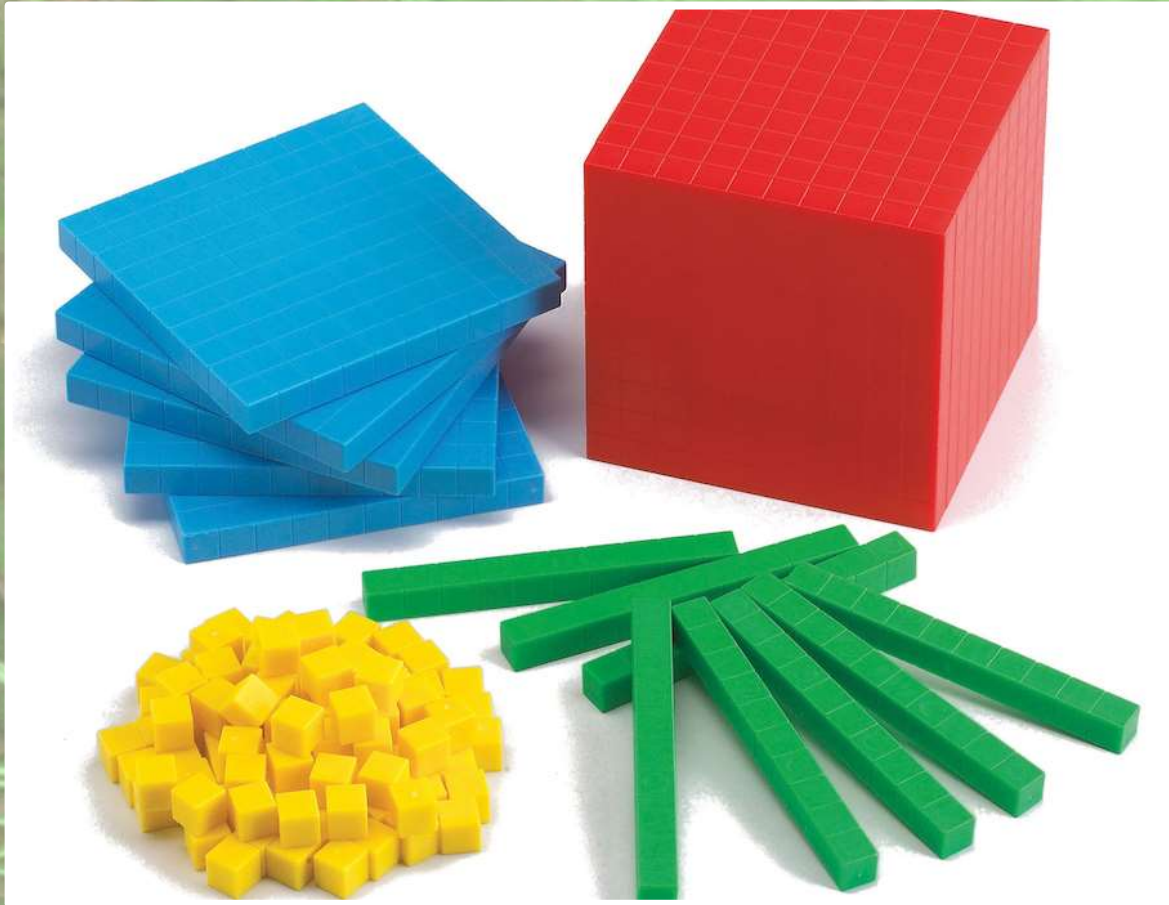
solve problems which require knowing percentage and decimal equivalents



+ Measurement  
+ Geometry  
+ Statistics



# Mathematics



Practical



Pictorial



Abstract

Times Tables Rockstars  
Home access

Minute Maths

# READING

*recommend books that they have read, giving reasons for their choices*

*make comparisons within and across books*

*learn a wider range of poetry by heart & prepare poems and plays to read aloud and to perform*

*understand what they read by:*

- *checking that the book makes sense to them, exploring the meaning of words*
- *asking questions to improve their understanding*
- *drawing inferences, e.g. characters' feelings, thoughts and motives from their actions*
- *predicting what might happen from details stated and implied*
- *summarising the main ideas drawn from more than one paragraph*
- *identifying how language, structure and presentation contribute to meaning*

*discuss and evaluate how authors use language, including figurative language, considering the impact on the reader*

*distinguish between statements of fact and opinion*

*retrieve, record and present information from non-fiction*



WRITING



*Art/DT and Music –  
linked to the Topic*

# Homework

The homework grid



Spelling Shed - 6 weeks worth of spellings (6 lists)

Expectation - to play at least 3 times a week

Half-termly test

There is a Maths Shed too!

Play at least 3 times a week

Minute Maths list will be sent home if difficult

Read at least 3 times a week

Can write Book Review at home and complete Accelerated Reading quiz in class.

*Extra team points for extra effort or activities.*

# LARCH HOMEWORK AUTUMN 2019

Pick 6 activities to complete this term. You will need to 'show and tell' your homework in the last week of each half-term; this means you should have completed 3 activities by the end of this half-term. Do not leave it until too late! Extra points for having all four colours in your collection.

Research and present information about a person who contributed to exploration of space (e.g. a poster, information leaflet, etc.)	Find a timetable and create at least 5 mathematical questions about it, e.g. Which plane should I take if I want to be in Rome by 5pm?	Think about an activity you enjoy and are an expert in. Write an explanation for somebody who would like to learn how to do it.	Keep a sky at night journal for a whole week. Write about everything you can see in the sky.
If you could create a planet, what would it be like? Write, draw, make – choose your own way to demonstrate your ideas.	Create your own space themed top trumps cards.	Create a <u>wordsearch</u> using at least 10 of your spellings.	Bake your own space themed cookies or biscuits. They could be star, rocket or planet shaped. Write down the recipe.
While reading books, magazines, or watching TV, note down the words you have never met before. Find their meanings in the dictionary and write them down. Create an illustration if you wish. You need at least 10 words to complete this task.	Look for big numbers (4-7 digits) on TV, in books, newspapers and magazines. Practise saying them. Write them down in figures and words (remember correct spelling!)	Think of your own activity, but link it to your learning – either at school or at home.	Make an acrostic for one of the planets e.g. M A R S This could be a list of words beginning with each letter, a sentence for each line or even a rhyme.
Make a space mobile.	Count in different steps, 7s, <u>9s</u> , 11s, 15s, 20s, 25s. Write down at least 20 steps of your sequence. To make it harder, start counting from <u>1, 2, 3</u> (numbers other than 0) or/and go backwards into negative numbers.	Write newspaper report about a significant event in the history of space exploration.	Use scrap paper, foil, sweet wrappers and other junk around the house to create your own space collage.



**PE**

*Tuesday and Wednesday afternoon*

*Please label every piece of clothing.*



*Thank you!*