

## Maths Year 5 & 6

Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.  
Count in multiples of 6, 7, 9, 25 and 1000. Solve number and practical problems that involve all of the above and with increasingly large positive numbers  
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 for any given number up to 1 000 000.

Interpret negative numbers in context, 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 ordering and comparing numbers to 1 000 000, counting forwards or backwards in steps, interpreting negative numbers and rounding.

Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects. Recognise and use factor pairs and commutativity in mental calculations.

**Recall multiplication and division facts for multiplication tables up to 12 x 12**

**Establish whether a number up to 100 is prime and recall prime numbers up to 19**

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

**Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.**

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.

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

Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes.

## English

### Reading:

- Little Red Riding Hood (play script)
- The Suitcase Kid
- The Boy in the Dress

### Writing Genres:

- Balanced arguments
- Narrative (recount using speech).
- Book Review

## Art

Researching the work of Henry Moore  
Sketching techniques for figures  
Model figure making using clay

## DT

Plan, , design and make a burger

## Grammar, punctuation and spelling

- Synonyms and antonyms
- Using adverbs to show possibility
- Active and passive voice
- Clauses (to add extra information)
- Year 5 & 6 statutory spellings
- Suffixes such as -ise and -ify

## Computing – Scratch

- Moving and changing the size of sprites.
- Using pen to draw shapes
- Debugging
- Project design

## Music

"Reflect, rewind and replay"

- Composition activity
- Rhythm Grid work
- The Language of Music
- Revisit songs from the year

# Year 5&6, Term 6 'Body, Mind and Soul'

## French

### Jobs

- Naming a number of jobs in French
- Saying what they want to be when older
- Naming some workplaces
- Saying vocabulary linked to space stations and fire stations.

## PE

### Athletics

Developing techniques of

- Drive and speed
- Throwing styles
- Jumping styles
- Running distances

## RE - The Prophet Muhammad

- Explain why Muhammad is important for Muslims today.
- Explain the significance of Muhammad's visit from an angel.

### Key questions:

Can I find out who Muhammad was and why he is an important figure in Islam?

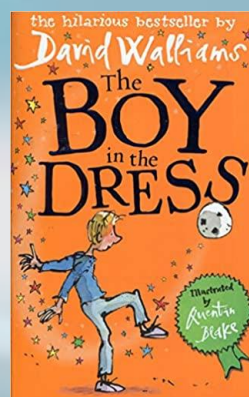
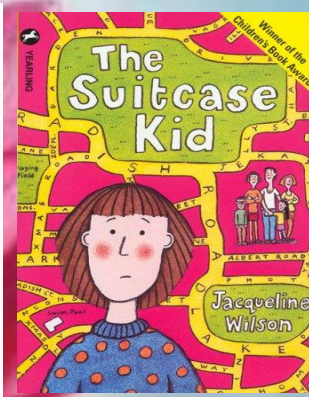
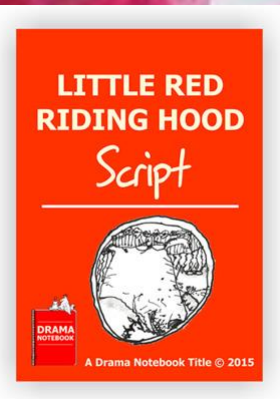
Can I learn about the life of Muhammad and his impact on history?

Can I understand the importance of the Qur'an to Muslims?

Can I understand the importance of Muhammad to Muslims' daily lives?

## PSHE – Dreams and Goals/Changing Me

- Understand dreams and goals from other cultures.
- Aspirations: how do these differ in other cultures?
- Identifying problems in the world and how we can solve them.
- Thinking about changes in teenage years and moving onto secondary school.
- Preparing emotionally for changes in the future.



## Science

- identify and name the main parts of the human circulatory system.
- describe the functions of the heart, blood vessels and blood.
- describe ways in which nutrients and water are transported in humans.
- recognise the impact of diet and exercise on the way bodies function.
- recognise the impact of drugs and alcohol on the way bodies function.