# Teaching and Learning Purple Class -   Autumn 1

## English
- Setting Description
- Newspaper Report Writing
- Poetry using personification
- Reading comprehension- retrieval
- Handwriting- cursive script

## MATHS
- Understanding place value of 100000s, 10000s, 1000s, 100s, 10s and 1s
- Comparing and rounding to the nearest 10, 100 and 1000
- Understanding negative numbers
- Adding and subtracting with more than 4 digits
- Using inverse operations
- Multiply and dividing using larger numbers.
- Division with remainders

## Science

### Animals including humans
- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
- Describe the ways in which nutrients and water are transported within animals,

## Families and friendships and Safe relationships
### PSHE
- what it means to be attracted to someone and different kinds of loving relationships
- that people who love each other can be of any gender, ethnicity or faith
- the difference between gender identity and sexual orientation and everyone's right to be loved
- about the qualities of healthy relationships that help individuals flourish
- ways in which couples show their love and commitment to one another, including those who are not married or who live apart
- what marriage and civil partnership mean e.g. a legal declaration of commitment made by two adults
- that people have the right to choose whom they marry or whether to get married
- that to force anyone into marriage is illegal

## Religious Education

**How does faith enable resilience? Can religions help when life gets hard?**
- Describe at least three examples of ways in which religions guide people in how to respond to good and hard times in life.
- Give examples of ways in which beliefs about resurrection, judgement, heaven, karma, reincarnation make a difference to how someone lives.
- Interpret a range of artistic expressions of afterlife, offering and explaining different ways of understanding these. how someone lives.
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## Coding

### COMPUTING
- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems;
- solve problems by decomposing them into smaller parts
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

## Geography

### Why has Brazil got one of the world's fastest growing economies?
- Pupils should know the names of many South American countries
- Pupils should know why Brazil has a potentially thriving economy
- Pupils should know the features of Brazil, including its capital, population and dominant language
- Pupils should know about the climate of Brazil and how it compares to the UK
- Pupils should know what natural resources Brazil has, including fruit.
- Pupils should know basic information about at least four other South American countries.