



Year 5 Curriculum Newsletter: Spring 1

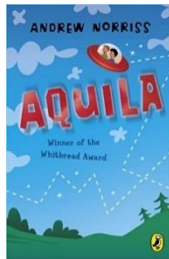
Below are the key learning links for each subject that will be covered in Year 5 this half term.



English

Science Fiction Stories

- Use expanded noun phrases to convey complicated information concisely, e.g. carnivorous predators with surprisingly weak jaws and teeth.
- Link ideas across paragraphs using adverbials for time, place and numbers e.g. Several hours later, on a nearby planet.
- Blend action and description within a paragraph.
- Investigate verb prefixes e.g. auto-, tele-, anti-, inter-, trans-.
- Select appropriate structure, vocabulary and grammar.
- Think how authors develop characters and settings (in books, films and performances).
- Use appropriate intonation and volume.



Information Booklets

- Use devices to build cohesion within a paragraph e.g. firstly, then, presently, subsequently.
- Link ideas across paragraphs using adverbials for place e.g. On the side of the head ... and numbers, e.g. Secondly, ...
- Identify and use brackets to indicate parenthesis e.g. in formal writing: The cheetah (*Acinonyx jubatus*) inhabits open grassland in Africa.
- Select the appropriate language and structures.
- Use organisation and presentational devices e.g. underlining, bullet points, headings.
- Proofread for spelling and punctuation errors.

Maths

MULTIPLICATION AND DIVISION

- Use written methods to solve multiplication problems involving 4digit x 1 digit, 3 digit x 2 digit.
- Use written methods to solve division problems involving a 4 digit number divided by a 1 digit number including those with and without remainders.
- Decide upon the most efficient methods to solve multiplication and division problems.

$$\begin{array}{r} 152 \\ 34 \times \\ \hline 608 \quad (\times 4) \\ 4560 \quad (\times 30) \\ \hline 5168 \end{array}$$

$$\begin{array}{r} 1526 \\ 6 \overline{)931318} \end{array}$$

FRACTIONS

- Multiply fractions by an integer
- Multiply mixed numbers by a fraction
- Find the fraction of a quantity
- Find the whole when given the fraction

$$\frac{3}{4} \times \frac{3}{1} = \frac{9}{4} = 2\frac{1}{4}$$

DECIMALS AND PERCENTAGES

- Identify the place value of numbers with up to 3 decimal places.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{4}$	0.25	25%
$\frac{1}{5}$	0.2	20%
$\frac{1}{10}$	0.1	10%
$\frac{1}{100}$	0.01	1%

Physical Education

Net Games

This unit gives children the opportunity to develop both forehand and backhand strokes from previous units as well as begin to recognise the importance of both speed and acceleration within net games

Invasion Games

This unit gives children the opportunity to be introduced to a more tactical approach to attacking and defending as well as beginning to recognise that passing a ball towards space can be advantageous.

Please make sure that children have full PE kit in school and children do NOT wear earrings/sharp hair accessories on PE day.

Science

Forces

- Forces- To identify forces acting on objects.
- Gravity - To explore the effect gravity has on objects and how gravity was discovered.
- Air Resistance - To investigate the effects of air resistance.
- Water Resistance- To explore the effects of water resistance.
- Friction- To investigate the effects of friction.
- Mechanisms - To explore and design mechanisms.



RE

5.3 Jesus: Why do Christians believe Jesus was a great teacher?

- retell the Bible stories we have explored in this unit.
- ask important and relevant questions that improve my learning.
- describe the Christian beliefs revealed in Jesus' teaching.
- explain how Jesus' teaching is used to answer the big questions in life.
- use religious vocabulary to show understanding of Jesus' teaching.
- that Jesus' teaching explains Christian beliefs.
- that Jesus' teaching makes an impact on people's lives.
- the elements of Jesus teaching that can be directly linked to our school Christian values and British values



Routines to Remember

PE: Weekly Full PE Kit should be in school (white t-shirt, black shorts/leggings, trainers)

Reading: 3 times per week is an essential part of home reading learning

Spellings: Handed out weekly for a quick test at the end of the week.

TT Rockstars: To be completed during the week. Children to reach 100 points target. If children do not have access to internet at home, there will be time in school for them to take part.



Geography

Exploring Eastern Europe

- Can I identify the countries of Europe and their capital cities?
- Can I compare features of eastern European landscapes with Haslingden?
- Can I compare the climate of eastern Europe regions with that of Haslingden?
- Can I compare the human geography of eastern European regions with that of Haslingden?
- Can I present information about one area of eastern Europe?



Art

Painting and Mixed Media – Portraits

- Poem Portrait - To explore how a drawing can be developed.
- Developing drawings – To combine materials for effect.
- Self-portraits – To identify the features of self-portraits
- Changing faces – To develop ideas towards an outcome by experimenting with materials and techniques.
- Mixed-media portraits
- To apply knowledge and skills to create a mixed-media self-portrait.



PSHE – SCARF

Keeping Myself Safe

- Demonstrate strategies to deal with both face-to-face and online bullying
- Recognise which situations are risky
- Suggest ways of standing up to someone who gives a dare



Computing

Databases

- To learn how to search for information in a database
- To contribute to a class database
- To create a database around a chosen topic



French

My Town & Telling the Time

- To understand what an arrondissement is.
- To tell a range of clock times.
- To use compound sentences with a coordinating junction.
- To learn about some mainline railway stations in Paris.
- To learn about ordinal numbers.

Christian Values

Endurance
Forgiveness
Friendship
Koinonia
Peace
Thankfulness
Trust

British Values

Democracy
The rule of law
Individual liberty
Mutual respect
Tolerance of those of different faiths and beliefs