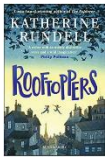
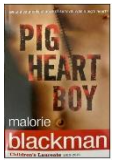
Year 6 Autumn Term Overview

Reading:







Use organisational devices to navigate a text efficiently.
Make inferences to draw overarching meaning from a text.
Contrast means to find differences.
Use inference to explore the meaning of figurative language.
Context can be used to work out the meaning of archaic language.
Synonyms can be used as a checking device when explaining the meaning of unfamiliar words.
Fiction can be used as a context to explore controversial issues.
A supposition is a belief without proof.
Words within questions may differ to those in the text.
In a nonlinear narrative, events are told out of order.

Writing:

Autobiography- The past progressive tense shows on-going actions that took place in the past. Relative clauses are used to give additional information about a noun by using a relative pronoun.
Discursive Writing- The passive voice conveys a formal tone. Multiple viewpoints need to be represented in a discussion.
Poems that create images and explore vocabulary- How figurative language can be used to enhance images for the reader. Making eye contact, changing facial expressions or using gestures adds impact to words.
First Person Stories with a moral- How to plan a narrative and interweave a moral. Characters are portrayed through their actions, what is said and how it is said.
Shakespeare's Sonnets- Who Shakespeare was and how significant his writing is to our literary heritage.
A sonnet has fourteen lines of ten syllables.
Explanatory Texts- The present progressive tense indicates actions that are ongoing now. The passive verb form places emphasis on the object of a sentence.

Maths:

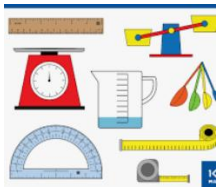


Place Value:
Number and place value including reading, writing, ordering and comparing number up to 10,000,000
Rounding whole numbers
Negative numbers and calculating intervals across 0

Calculating:
Revision of written and mental methods for addition, subtraction, multiplication, and division
Selecting the most efficient method
Times table revision

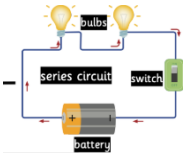
Fractions:
Equivalent simplifying
Comparing and ordering
All four operations with fractions
Adding and subtracting mixed numbers
Fractions of amounts

Measurement (converting units):
Converting and calculating metric measures
Miles and Kilometres
Imperial measures



Problem Solving:
Solving problems involving all four operations
Reasoning about choices
Proving our answers
Mean Average
Multi-step problems

Science:



Electricity:
Associate the brightness of a lamp or the loudness of a buzzer with the number and voltage of cells used in the circuit.
Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.
Use recognised symbols when representing a simple circuit in a diagram.



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, including humans

Useful Information for Parents:

Reading: Children are expected to read daily and record this in their reading records. It is recommended that they still read to an adult at least twice a week. Reading books and records need to be in school every day.

Homework: Weekly homework will be set and send home each Friday and collected in every Thursday.

Useful websites: TT Rockstars, Hit the Button, Curriculum visions and Sumdog are websites you can access for extra activities.

Educational Visits: Bryntsilio Residential Visit

Art and Design:

Drawing
Pupils apply knowledge of techniques to draw in detail, using scale and proportion to modify their artwork.
Pupils produce portraits.



Painting and Collage
Pupils complete a series of still life paintings, combined with collage.
Pupils look at the still life work of Patrick Caufield and compare it to the cubism work of Pablo Picasso.

Languages (French):

Where I live
Use the verb habiter in the singular first and second person.
Read and interpret simple phrases using the verb aller and etre.
Describe where they and a friend live.
Describe where places are.
Name different rooms of a house.
Describe different rooms of a house.
Use adjectives for size and colour.



Emptions and Numbers Beyond 100
Read and translate sentences containing numbers and ordinal numbers.
Write a simple description of a friend using the second person singular.
Write sentences in the negative form using verbs in the first, second and third person.

Computing:

Internet Legends:
Settings and passwords
Relationship and being kind
Handling and reporting mean behaviour
Computer Science:
Swift- while loops, array and refactoring

Esafety:

Wellbeing and lifestyle – identify systems to regulate age-related content. Action strategies to limit the impact of technology on health.
Online Reputation –understand how to protect their digital reputation and online bullying linked to anti-bullying week.

Music:



Cyclic patterns And Musical Traditions from around the world
Traditional Andean music. Identify cyclic patterns though changes in musical elements
Study of traditional Indonesian gamelan melodic patterns
Learn short melodic phrases from notation
Perform and recognise changes
Develop understanding of musical composition through cyclical patterns
Perform a cyclic pattern in groups, reading notation
Create a cyclic pattern using Garage Band

Musical Loops
Develop an understanding of musical compositions through loops
Use ICT to synthesise sounds
Use synthesised sounds to create a composition
Create a composition using a loop on Garage Band

Design Technology:



Food and Nutrition

PE:



Invasion Games
Football skills, Tag Rugby skills, Hockey Skills

Dance

Pupils study and make street foods from different cultures. Pupils think about their own diet and snacks and how their nutritional value could be improved. Pupils earn about a range of different cultures. (Burrito and Pastry) **Mechanisms** Pupils investigate how pulleys and gears work and design and make their own gears product. Pupils select and use a variety of modelling materials to create final outcomes. (Ferris Wheel) 	-Use tension and extension to control the body -Explore space and relationships in dance -Identify appropriate dynamics and group formations for a Hakka -Perform basic street dance moves -Compose a street dance performance **Gymnastics** - Flight on and off apparatus. - Demonstrate, accuracy, consistency and clarity of movement.
Humanities (Geography/History): **History-** **How did conflict change our local area in the Second World War?** **Chronology** When did the Second World War start? When was the Battle of Britain? **Cause and Consequence** What effect did the airbases have on our local area ? **Change and Continuity** Why was East Anglia described as mini America? **Similarity and Difference** Did anything stay the same in East Anglia? Were American bases similar? **Evidence** How do we remember the brave men and women who defended our country? **Significance** Why were these airbases important to the war effort? **Geography- Physical Processes: earthquakes, mountains and volcanoes** **Place and Space** What are the similarities and differences between places that have active earthquake zones? **Scale and Connection (Relationship and interdependence)** What's the difference in the scale of eruptions, between a fissure volcano and stratovolcano? **Physical and human geography** What makes up the layers of the planet? **Environment and sustainability** What causes an earthquake and what's the effect? **Culture and diversity (Uniqueness)** Why do people live in areas where volcanoes and earthquakes occur?	**PSHE:** **Health and Well-being** **How can we keep healthy as we grow?** -Looking after ourselves -Growing up and becoming independent -Taking more responsibility **RE:** **Islam-** Understanding the four pillars of Islam. Learn about Muslim culture. Understand ways in which Muslims show commitment to God. **Christianity-** Analyse the Christian belief in the Virgin birth and assess the significance of this to Christians. Analyse how Mary is portrayed through scripture and art and the significance of her being chosen to be Jesus' mother. Learn about and reflect on the significance of the incarnation of Jesus.