

Maths: Algebra; Measurement; Area, Perimeter and Volume

Use simple formulae

Find pairs of numbers that satisfy an equation with two unknowns

Enumerate possibilities of combinations of two variables

Solve problems involving the calculation and conversion of units of measure

Use, read, write and convert between standard units of length, mass, volume and time

Convert between miles and kilometres

Recognise that shapes with the same areas can have different perimeters and vice versa

Recognise where it is possible to use formulae for area and volume

Calculate the area of parallelograms and triangles

Calculate, estimate and compare volumes of cubes and cuboids

Weekly Reminders:

PE

Tuesday pm,

Thursday am

New Spellings Given

Monday

Year 6 Knowledge Organiser

Term 4

English

Class Text: Pig Heart Boy by Malorie

Blackman

Reading:

Understanding vocabulary (Black Hat)

Referring to and using evidence (White Hat)

Making inferences and explaining these ideas in more detail (Red Hat and Blue Hat)

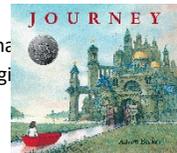
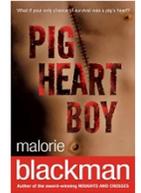
Exploring the impact of specific vocabulary (Yellow Hat)

Class Text: Journey by Aaron Becker

Writing:

Planning, editing and redrafting

Audience, purpose and features of different text types (non-fiction letter, travel brochure, newspaper report, non-chronological)



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, including humans

PSHE: SRE

Use of discussion to explore the following themes.

- Growing Up
- Changes
- Relationships
- Body Image
- Self-Esteem
- Hygiene
- Consent
- Personal Space

Geography: The Grand Canyon

Develop and understand key aspects of physical geography, human geography and distribution of natural resources

Use maps, atlases, globes and digital mapping

PSHE: Healthy Me

Know the impact of food on the body

Know about different types of drug and their uses

Evaluate when alcohol is being used responsibly, anti-socially or being misused

Understand what it means to be emotionally well

Computing: Social Media

Use technology safely, respectfully and responsibly

Recognise acceptable/unacceptable behaviour

Identify a range of ways to report concerns about content and contact