

Year 5 Autumn 2: Medical Miracles

Curriculum connections

5 English

Fiction core text: Pig Heart Boy by Malorie Blackman.

Create own imaginative characters and settings based on the work of real authors.

Develop an atmosphere in descriptions of settings using a range of stylistic devices such as similes, personification, power of three and 'show don't tell'. Select ambitious and new word choices appropriately. Proof read and edit own work.

Non-Fiction

Genre: Discussion

Write for an appropriate audience.

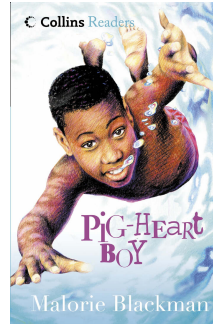
Use active and passive voice to achieve an intended effect in formal writing.

Link ideas using cohesive devices such as *on the other hand*, *similarly*, *in contrast*.

Grammar

Use active and passive voice.

Identify and use modal verbs.



Maths

Number:

To revise place value of numbers up to 1,000,000.

To identify, name and write equivalent fractions.

Compare and order fractions whose denominators are all multiples of the same numbers.

Read and write decimal numbers as fractions.

Round decimals to the nearest whole number.

Recognise the % symbol.

Solve real life problems involving fractions, decimals and percentages.

Measurement

Solve problems involving converting between units of time.

Statistics

Complete, read and interpret information in tables, including timetables.

2 History

Medical history:

Study an aspect of British history and its impact on social history.

Address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance.

Construct informed responses that involve thoughtful selection and organisation of relevant historical information.

2 Art

William Morris

Draw flowers and foliage in the style of William Morris.

Draw accurately from observation – using and talking about tone, patterns and texture.

Look at, talk critically and get inspiration from artists including William Morris.

Mix colours appropriately, without wasting paint.

Design and make printing blocks and print using inks and rollers.



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4

Science

Properties and Changes of Materials Marvellous mixtures and all Change!

Explain that some changes result in the formation of new materials and this is an irreversible change. Understand that some materials will dissolve in liquid to form a solution. Know how to recover a substance from a solution. Demonstrate that dissolving mixtures and changes of state can be reversible. Plan different types of scientific enquiry to answer questions, including controlling variables.

5

1

RE

Christianity – exploring Christian values in the world today

Show how a story can communicate Christian beliefs. Discuss how Christians believe that caring for others shows their love for God. Reflect upon global examples of unfairness and injustice in the distribution of resources. Identify the link between belief and action.

3

3

Computing

Mars Roves 2: Learn how the Mars Rover is able to send images all the way back to Earth and experiment with online CAD software to design new tyres for it. Develop CAD skills. Understanding how image data is transferred.

4

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PE

Invasion games – Tag rugby

Pass, dribble and shoot with control in games. Identify and use tactics to help their team keep the ball and take it towards the opposition's goal. Mark opponents and help each other in defence.

5

Music

Medical TV

Read a score to play a piece of music which sounds like the news. Add in medical discoveries as news items. Listen to music associated with medical TV shows and compose own pieces.

5

5

PSHE

Living in the wider world:

Money matters. Understand how finance plays an important part in people's lives. **Health and wellbeing:** Healthy lifestyles. Learn about the choices pupils can make about their own health and wellbeing and what influences their choices.

Spanish

All about me:

Revise greetings and give information about family. Give information about how pupils travel to school. Ask and say where they go. Understand the language of Spanish money.