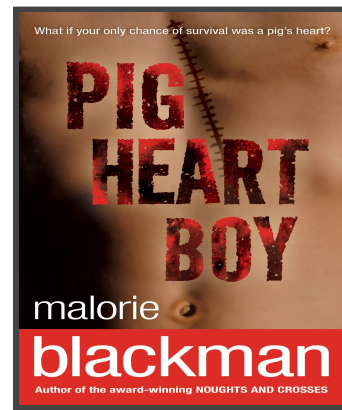


Year 6 Spring 1

Heartbeat



Term	Topic Name	Key Text / supporting texts	Key Focus	Key emotional, physical and social intent
Spring 1	Heartbeat	Pig Heart Boy by Malorie Strong link to risk taking, PSHE	Science - Animals, including humans What is the circulatory system and how does it work?	Drugs, alcohol and tobacco education: weighing up risk. Children will consider 'How risky is this?' and 'Is it worth the risk?' This will link into their move to secondary school and allow them to make more considered and informed choices.

Science coverage

Key Question	Ancillary Questions and content focus	Science Objectives	Learning goals
What is the circulatory system and how does it work?	<ul style="list-style-type: none"> - Where are the main parts of the circulatory system and what are they called? - What happens to the rate at which our heart beats when performing different exercises? - What is blood made up of? - How and why is water and nutrients transported around the body? 	Pupils should be taught to: <ul style="list-style-type: none"> - identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. - describe the ways in which nutrients and water are transported within animals, including humans. 	<ul style="list-style-type: none"> - To label and explain how the heart functions - To measure heart rate during a range of activities. - To list and explain the different components of blood - To apply my knowledge of how and why water and nutrients are transported around the body
How can I keep myself fit and healthy?	<ul style="list-style-type: none"> - How does diet and exercise impact my body? - How do drugs and lifestyle impact my body? 	<ul style="list-style-type: none"> - 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. 	<ul style="list-style-type: none"> - To conduct independent research about food groups - To evaluate Impact of diet - To explore the effects of exercise on the human body - To investigate the positive impact that exercise can have on their body. - To interpret the data gathered to recognise an effect. - To reach informed conclusions about diet, exercise and lifestyle - To hypothesise the consequences of drugs and lifestyle choices

History and Geography coverage

Geography Objectives	Learning Opportunities	History Objectives	Learning Opportunities
N/A	N/A	N/A	N/A

English coverage

Stimulus	Outcomes

Pig Heart Boy	Children will write a letter based on the theme text
Sporting events	Children write a suspense story linked to a sporting event / 'what if' scenario
Performance Poetry	Children will learn, rehearse and perform poetry. Children will also be given the opportunity to write their own performance poetry.
Explanation text	Children write an explanation text drawing upon their scientific knowledge built up over this theme.

PSHE coverage

<u>Topic</u>	<u>Key Question</u>	<u>Objectives</u>
Drugs and Alcohol: weighing up risk	How risky is this?	<ul style="list-style-type: none"> - To explain why and when people might use drugs, giving examples of both restricted and legal drugs - To explain about some of the possible side effects and risks of taking different drugs - To identify different risks within scenarios surrounding drug taking - To suggest ways that risks can be reduced around drug taking - To identify situations where drug use and misuse may occur. - To know where to get help, advice and support regarding drug use / misuse

Other subject coverage

<u>Subject</u>	<u>Objectives</u>	<u>Learning opportunities</u>
DT	<ul style="list-style-type: none"> - To understand seasonality and where food comes from - Design a balanced healthy food dish - Prepare a food dish with evidence of healthy eating - Evaluate how you made your food healthier and compare it with similar other foods. 	The children will look at healthy eating with a focus on seasonal foods and plan to make an alternative healthier option. Pupils to look at how to change at least one thing to make the planned dish a healthier option.
RE	<p>Christianity Is anything ever eternal? Should religious people be sad when someone dies? How well do funeral and mourning rituals tell you about what a religion believes and what happens after death?</p> <ul style="list-style-type: none"> - To express my own thoughts having reflected on the learning, and consider those of others 	The children will explore the concept of death, including how different drugs can reduce / prolong life - link to the topic / PSHE. They will consider what 'dying' means and what Christians believe happens in the afterlife. They will consider things they 'wished lasted forever' and how these things support the feelings of safety, security and reassurance.
Computing	<ul style="list-style-type: none"> - To select, use and combine a variety of software including internet services - To create a multimedia presentation for a specific audience - To analyse the effectiveness of presented data - To present data and information in an appropriate format 	Children to find a suitable way to present a multimedia display on advising healthy eating; using moving and still images, sound aesthetically pleasing persuasive presentation.
PE	<p>Team Building</p> <ul style="list-style-type: none"> - To explore different individual and team strategies in response to tasks and challenges and devise a plan based on their findings - To describe what they intend to do and how they intend to do it - To explain the basis on which they have made simple decisions in respect of the tasks and challenges set - To make simple judgements on their own work - individually and as a team member - To recognise safety issues when completing tasks and challenges - To devise rules to ensure safety and fairness 	The children will explore different activities which require them to actively problem solve within the context of paired, small group and whole class challenges. They will develop their cooperation skills, personal independence and the need for mutual interdependence.
Music	<ul style="list-style-type: none"> - To improvise and compose - To use musical notations 	Children will be composing and improvising using tuned percussion