

The Big Question: Can we justify the loss of lives in space exploration?

Trip: Local visit to where the meteorite crashed
Guest Speaker: Russel Parry
Class Reader: "Hatchet" Gary Paulsen.
 "See you in the Cosmos" Jack Cheng.

CREATIVE	MATHS
Place value	
Creative	Writing and reading numbers to one million
Multiple perspectives	To compare and order numbers
Justify	To count back and forwards in 100, 1000, 10000
Debate	To understand negative numbers
Cause + Consequence	To know Roman numerals to 1000
Share a Story	Mental addition and subtraction
Make Connections	Rounding to estimate
Wider World	Rounding to check answers
Economise	To solve multi-step word problems
	To solve number puzzles involving + and -
	An understanding of years and how we say each year

CREATIVE	RE – Judaism / Advent and Christmas
Creative	To enquire into Jewish beliefs and practice.
Multiple perspectives	To discuss and relate the 10 commandments to modern life.
Justify	To know the story of Abraham, and the life of Moses and the ten plagues
Debate	To know what the inside of a Jewish synagogue is like and compare this to a Christian church
Cause + Consequence	Link Kosher food to other religions and attitudes to eating and the Seder and Passover.
Share a Story	To create own personal advent calendar
Make Connections	What was the initial effect of the birth of Jesus?
Wider World	Was his death justified?
Economise	To know the Christmas story.

ENGLISH	
Creative	Different views on the landing of the moon. Did it happen?
Multiple perspectives	Can we justify the amount of money spent on space exploration when we still have high poverty and starvation across the globe?
Justify	
Debate	DO we think there are aliens out there?
Cause + Consequence	What has been the long term consequence of governments and other country rulers' investment of their space exploration policies?
Share a Story	Share and learn about the true story of the Appley Bridge meteorite
Make Connections	
Wider World	The effect meteorites have on earth and research the largest meteorites
Economise	What else could the world's space exploration budget be spent on? Should we continue with Space exploration?



PSCHE –Emotional health and mental wellbeing.	
Creative	Explain what is meant by the term 'mental health' Identify everyday behaviours that can help to support mental (and physical) health
Multiple perspectives	Recognise that we can take care of our mental health (as well as our physical health)
Justify	
Debate	
Cause + Consequence	Relationships, our special people
Share a Story	Identify the qualities of positive friendships and family relationships.
Make Connections	Explain how friends and family show they value and care for each other.
Wider World	Describe what is most important in a friendship or family relationship.
Economise	Recognise that friendships and family relationships may change for different reasons and how to manage this.

HISTORY – Mayan Civilization	
Creative	To use more words and phrases and conventions associated with the recording of dates and times (Stone Age, 600 BCE).
Multiple perspectives	To consider aspects of World history and to place the Mayans on a time line.
Justify	
Debate	To use evidence and imagination to reconstruct elements of the past (a conversation between two key characters)
Cause + Consequence	To investigate Mayan civilization the effect Gods had on all aspects of their lives: farming, sacrifice, food.
Share a Story	To locate where the Mayans lived and what became of them – debate different theories
Make Connections	
Wider World	
Economise	

GEOGRAPHY – Locational and place knowledge	
Creative	Children will be able to use maps to find countries and cities in different continents as well as a brief focus on time zones and globalization.
Multiple perspectives	Look at different populations and why this varies in different parts of the world.
Justify	
Debate	Research different weathers and temperatures.
Cause + Consequence	To understand the significance of latitude, longitude, tropics of Cancer and Capricorn, the Arctic, Antarctic, GMT and time zones.
Share a Story	To begin to use a scale line in an atlas to measure distances between cities and countries.
Make Connections	To develop a sense of distances between countries in Europe using the distance keys on a map in an atlas.
Wider World	
Economise	

	SCIENCE – Earth and Space / Forces
Creative	Create own set of trump cards with planet, stars, Meteorites, satellites, moons and sun facts.
Multiple perspectives	Learn phases of moon and understand orbiting of earth and planets. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies.
Justify	Use the idea of the Earth's rotation to explain day and night, and the apparent movement of the Sun across the sky. Investigate shadows across the day and record in a graph.
Debate	Watch videos of Tim Peat to understand what it's like to live in space.
Cause + Consequence	Did USA really land on the moon?
Share a Story	Listen to Russel Parry about story of meteorite Links with other countries- Russia/ race to space.
Make Conne	Forces To explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
Wider World	Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
Economise	Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect

	PE
Creative	
Multiple perspectives	Develop a broader range of techniques and skills for attacking and defending. Develop consistency in their skills. Know and apply the basic strategic and tactical principles of attack, and to adapt them in different situations. Choose and apply skills more consistently in all games. Choose the best tactics needed to suit the game.
Justify	
Debate	Dodge ball, attack and defense g -Control and catch a ball. -Pass the ball accurately whilst moving. -Work alongside team mates to gain and keep possession of the ball. -Use a variety of techniques to pass the ball.
Cause + Consequence	
Share a Story	When running know and understand the principles of warming up and understand why it is important for high quality performance. Understand the importance of physical activity and can talk confidently about why.
Make Conne	
Wider World	
Economise	

	MUSIC/MFL
Creative	To develop an understanding of the history and context of music
Multiple perspectives	Listen in detail to The Planets by Gustav Holst listen with attention to detail and recall sounds with increasing aural memory
Justify	
Debate	Research Gustav and what inspired him.
Cause + Consequence	Spanish
Share a Story	Recognize how formality is conveyed in conversations. To form the negative in simple sentences. Start simple conjugations of familiar verbs in the present tense.
Make Conne	
Wider World	
Economise	



	ART – Joan Miro
Creative	Initial art work with closed eyes.
Multiple perspectives	Experiment with different paint and strokes and pencil marks.
Justify	Make own sketch marks.
Debate	Create own "Miro" painting using particular marks
Cause + Consequence	Look at life story of Miro
Share a Story	He was friends and worked closely with Picasso, who else did they work with?
Make Conne	Research cubism and surrealism.
Wider World	Using clay create Mayan masks, learn how to join clay together. Translate their work into a 3D design, exploring structure, space, form and balance?
Economise	

	DT –
Creative	Research use of artificial limbs and robot use in industry.
Multiple perspectives	Design a robotic hand build a framework from card to hold a mechanism
Justify	Learn to measure and cut accurately to make moving joints that meet the needs of the design
Debate	To strengthen the card and to use elastic for tension
Cause + Consequence	To strengthen and reinforce complex structures. To use a glue gun independently in a small group (Supervision required)
Share a Story	To confidently join and combine materials for a purpose
Make Connectio	Use the success criteria to evaluate the quality of my product.
Wider World	Cook some biscuits which we will use to look at the phases of the moon. Independently use the skills required of the recipe.
Economise	Learn the importance of hygiene when preparing food.

	COMPUTING –
Creative	To learn about internet safety and school rules.
Multiple perspectives	To research appropriate sites for children and to be able to take notes of relevant information.
Justify	
Debate	To refine an internet search to answer a historical question, and to be able to explain why historical recounts may differ.
Cause + Consequence	To learn to use a keyboard and type up their own writing.
Share a Story	
Make Conne	Use TT rockstars to improve times tables
Wider World	To use mathletics to support maths learning
Economise	To access Purplemash