

The Big Question: Can we justify the loss of lives in space exploration?
Trip: Science and Industry museum in Manchester and Jewish synagogue in Manchester

Guest Speaker: Russel Parry
Class Reader: “Why the whales came” Michael Murpurgo

MATHS
Place value

Creative Writing and reading numbers to one million
Multiple per- To compare and order numbers
spectives To count back and forwards in 100, 1000, 10000
Justify To understand negative numbers
Debate To know Roman numerals to 1000
Cause + Conse- Mental addition and subtraction
quence Rounding to estimate
Share a Story Rounding to check answers
Make To solve multi-step word problems
Connections To solve number puzzles involving + and –
Wider World
Economise

An understanding of years and how we say each year

ENGLISH

Creative Different views on the landing of the moon. Did it hap-
pen?
Multiple per- Can we justify the amount of money spent on space
spectives exploration when we still have high poverty and starva-
tion across the globe?
Justify
Debate DO we think there are aliens out there?
Cause + Conse- What has been the long term consequence of govern-
quence ments 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
Economise What else could the world’s space exploration budget
be spent on? Should we continue with Space explora-
tion?



HISTORY – Key events in Space exploration

Creative Research the first landing on the moon.
Multiple per- First satellites
spectives First animal in space
Justify
Debate Why do we feel it’s important to research space?
Cause + Conse-
quence
Share a Story Share the story of the Appley Bridge meteorite
Make
Connections Look at other meteorites in other parts of the world and
the largest
Wider World The effect meteorites have on earth and research the
largest meteorites
Economise

RE – Judaism / Advent and Christmas

Creative To create own personal advent calendar
Multiple per- What is it like to be a part of a religion?
spectives
Justify To discuss and relate the 10 commandments to modern
life.
Debate What was the initial effect of the birth of Jesus?
Cause + Conse- Was his death justified?
quence
Share a Story To know the story of Abraham, and the life of Moses
and the ten plagues
Make
Connections To know what the inside of a Jewish synagogue is like
and compare this to a Christian church
Wider World
Economise Link Kosher food to other religions and attitudes to
eating and the Seder and Passover.

PSCHE – Our happy school

Creative
Multiple per- As in previous years children will be establishing
spectives ground rules. The focus is on taking
Personal responsibility for behaviour and
working with others.
Justify
Debate
Cause + Conse- This unit focuses on how to develop responsibility
quence for being safe in various situations. Pupils explore
stereotyping and discrimination.
Share a Story
Make Conne
Wider World
Economise

Out and about

Money Matters

Children will learn about debt, saving money and
how to budget.

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 per-
spectives
Justify Look at different populations and why this varies in
different parts of the world.
Debate Research different weathers and temperatures.
Cause + Conse- Understand what the equator is, and the Tropics of
Cancer and Capricorn.
quence Know the meaning of latitude and longitude, and the
Norther and Southern hemispheres.
Share a Story
Make Conne
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 per- spectives	Learn phases of moon and understand orbiting of earth and planets.
Justify	
Debate	Watch videos of Tim Peat to understand what it’s like to live in space
Cause + Conse- quence	Did they really land on the moon?
Share a Story	What positive and negative effects do satellites have on our environment?
Make Conne	
Wider World	Listen to Russel Parry about story of meteorite
Economise	First landing on moon, first satellites, first solar system missions, first humans in space. Links with other countries- Russia/ race to space.

	PE
Creative	Coach Mark first half term
Multiple per- spectives	Second half term ball skills, throwing, catching, dribbling, aiming.
Justify	
Debate	
Cause + Conse	
Share a Story	
Make Conne	
Wider World	
Economise	

	MUSIC/MFL
Creative	Wigan Music teacher
Multiple per- spectives	
Justify	
Debate	
Cause + Conse	
Share a Story	
Make Conne	
Wider World	
Economise	



	ART – Joan Miro
Creative	Initial art work with closed eyes.
Multiple per- spectives	Experiment with different paint and strokes and pencil marks.
Justify	Make own sketch marks.
Debate	
Cause + Conse- quence	Create own “Miro” painting using particular marks
Share a Story	Look at life story of Miro
Make Conne	He was friends and worked closely with Picasso, who else did they work with?
Wider World	Research cubism and surrealism.
Economise	

	DT –
Creative	Research use of artificial limbs and robot use in industry.
Multiple per- spectives	Design a robotic hand Learn to measure and cut accurately To strengthen the card and to use elastic for tension
Justify	
Debate	Evaluate their finished design.
Cause + Conse- quence	Cook some biscuits which we will use to look at the phases of the moon. Learn the importance of hygiene when preparing food.
Share a Story	
Make Connectio	
Wider World	
Economise	

	COMPUTING –
Creative	To learn about internet safety and school rules.
Multiple per- spectives	To research appropriate sites for children and to be able to take notes of relevant information.
Justify	
Debate	To begin to programme.
Cause + Conse	To learn to use a keyboard and type up their own writing.
Share a Story	Use TT rockstars to improve times tables
Make Conne	To use mathletics to support maths learning
Wider World	To access Purplemash
Economise	