

Art and Design

How can recycled materials be used to create 3D artwork?

What has inspired significant artists to create 3D artwork?

Working with mixed media to create pattern and texture within 3D artwork.

Science

How do we see the things around us?

Why does the level of voltage affect the function of components within a circuit?

Understanding how we see the world around us. Exploring the varying effects of voltage.

History

How did the first railway affect the growth of Manchester during the Industrial Revolution?

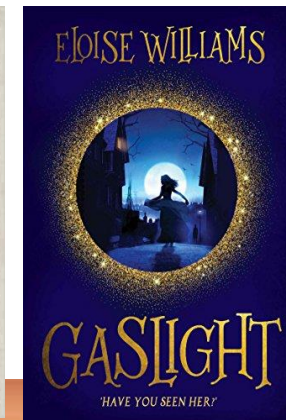
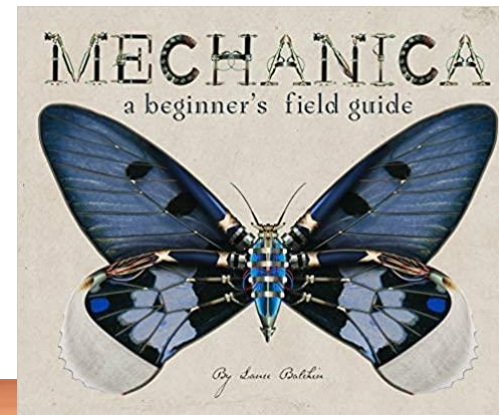
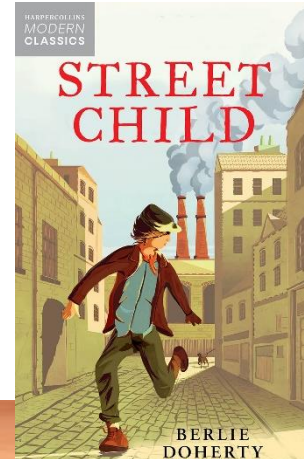
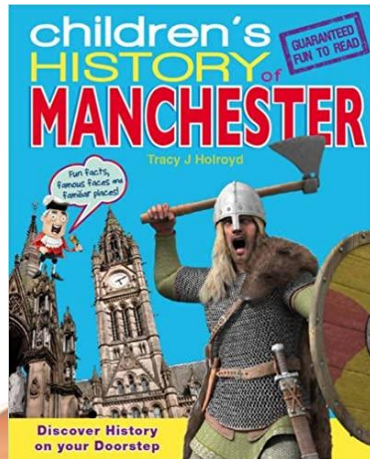
Reflecting on how the Industrial Revolution influenced the need for the Liverpool to Manchester Railway.

Geography

How has Manchester's land use changed throughout time?

How did the physical features of Manchester and surrounding areas contribute to its rise?

Exploring maps and computer mapping to describe changing landscapes. Working with 4 and 6 fig grid references.



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	Place value Addition, subtraction, multiplication and division	Fractions Converting units	Ratio Algebra	Fractions, decimals and percentages Area, perimeter and volume	Shape Position and Direction	Themed projects that provide consolidation of taught concepts
English	Hook: ‘Everest’ – Alexandra Stewart & Joe Todd-Stanton Biographies Newspaper reports Advertising Hook: ‘Darwin’s Dragons’ – Lindsay Galvin Narrative Report Biography Hook: ‘The Lost Words’ – Robert Macfarlene Poetry		Hook: ‘Pandora Discovered’ – Literacy Shed Balanced argument Scientific report Hook: ‘Cogheart’ – Peter Bunzl Newspaper report Description		Hook: ‘When the Sky Falls’ – Phil Earle Extended narrative Persuasive letter Hook: ‘Beyond the Lines’/ ‘The Piano’ – Literacy Shed Poetry Flashback narrative	
Science	How do we classify living things? Who was Carl Linnaeus? Why do we use classification systems?	What does an offspring inherit from their parents? How have living things evolved throughout time? How do animals adapt to their surroundings?	How do we see the things around us? Why does the level of voltage affect the function of components within a circuit?	What is the circulatory system and how does it work? How can a person’s lifestyle affect their body?		Working scientifically

Music
Charanga

Gaining confidence through performance

How does music improve our world?

Exploring notation further

How does music teach us about our community?



High Lane Primary School

Creating the future, today.

PE

Spring 1: Football and Gymnastics

How can we play competitive games and control our emotions?

How can we create sequences that include counter-balances with a group?

Spring 2: Tennis and Netball

How can we work together to combine skill and create goal-scoring opportunities? How do we play competitive tennis using a range of strokes?

Computing

Creating media – 3D modelling

How can we manipulate 3D objects digitally to create products? What are 'placeholders'?

How is 3D modelling used in real-life?

Spring
2022 - 2023

PE days: Monday and Thursday

**Homework: Given on a Friday,
handed in on Wednesday**

Spellings: Thursday

Library: Friday

PSHE

What does prejudice look like today?

How do we manage the negative impact of using the Internet?

How do people's attitude about money differ?

Spanish

How do we use the verb 'ser' in negative form?

How do we pronounce numbers 1-60 in Spanish?

How do we pronounce different school subjects in Spanish?

How does the Spanish school day compare to one in Britain?

RE

Living:

How matters most to Christians and to Humanists?

How should we care for other and the world?
What can we learn from religions about right and wrong? Does religion help people do good?