

Curriculum Overview for Year 1 'Rain, Steam and Speed'.

Literacy

Ask relevant questions to extend their understanding and knowledge.

What would you like to learn about steam engines and transport?

Create questions to research and answer, presenting the answers back

to your class, in person or on video.

Link what I have read or heard read to my own experiences.

Explore stories and poems about journeys. How is this similar to journeys you have been on?

Compose a sentence orally before writing it.

How would you share your knowledge of trains with someone else? Create a fact file of what you know.

Give well-structured descriptions and narratives for different purposes.

What would happen in the beginning, middle and end of story about a railway? Use a story-S to structure your story.

Oracy

Participate in discussions, presentations and role play.

What would it feel like to be on this train in the storm? Create a role play of this.

Use relevant strategies to build vocabulary.

What is the key vocabulary we need to know to describe 'Rain, Steam and Speed'?

Art & Design

Use the ideas of an artist to create pieces

How would you create a tube map for the Island Line trains?

Begin to use texture when drawing

How can you use a range of materials to create the impression of rain? Experiment with pastels, pencils and paints.

What other famous Artists were alive the same time as Turner?

ICT

Create simple programs

Can you create a Scratch program based on one of Turner's paintings?

Use a computer to sort information

What can you find out about the history of steam engines?

Design & Technology

Develop design ideas.

What would you make if you were an engineer? What makes a bridge strong? Design a bridge to cross the River Medina.

Would it be different if a train had to travel on the bridge?

Model ideas using materials.

What materials can be used to keep you dry?

Geography

Distinguish between human and physical features of a small area

What does a train track look like on a map? What is the icon for a train station?

Locate a non-European country on a map

How does Turner's steam engine compare to a modern fast train? Locate Japan and other countries with fast trains on a map.

Mathematics

Money

How much is a ticket on the Island Line train?

Which coins could you use to pay?

Shape

3-D shapes for example, cuboids (including cubes), pyramids and spheres.

Which 3D shapes make the best steam train?

Measure

Begin to measure and record time.

How long is a train journey from Ryde to Shanklin?

Look at a train timetable, what time does the first one leave?

Measure and begin to record capacity.

How much rain falls over night? What temperature is the rain, does water temperature change in different places?

Numbers

Read and write numbers from 1 to 20 in numerals and words

How many passengers can be taken on the steam train? How many would there be if one more got on? Or if ten more got on?

Science

Describe the simple physical properties of a variety of everyday materials.

Which materials are waterproof? How can we test this?

Observe and describe weather associated with the seasons.

How could we measure rainfall? Which season would have the most rain?

History

Use a range of historical sources.

What does 'Rain, Steam and Speed' tell us about travel in the 19th century?

Ask questions such as: What was it like for people?

How did steam travel change life for many Victorians?

How would you feel if you were a Victorian living in the age of steam?

Equality

Why are most train drivers men?

Investigate a famous female artist from the same time period as Turner?

Can you find a female train driver?

Physical Education

Copy and explore basic body actions and movement patterns

How does varying the speed change the impact of a dance sequence?

How quickly can you complete 5 laps of the playground for Daily Mile? Can you improve this time by half term?

Music

Experiment using different instruments to create different sounds.

How can we recreate the sound of the rain?

Perform to an audience.

Which instruments could you use to perform music based on the sounds of a train journey?

Religious Education/PSHE

World Religion Day

How does religion vary around the world?

Values and Commitments

How is the world and its beauty special and how should it be cared for?

What are our values for living?

