



# YEAR 4 AUTUMN TERM VEHICLE

## NATURAL DISASTERS

Insert vehicle picture here



### Key Vocabulary



### Vehicle Destination!

#### We are Structural Engineers!

We will invite parents to test our robust bridges with us against the elements.



### SIGNIFICANT INDIVIDUALS



Zaha Hadid Isambard Brunel Antoni Gaudi



Ludwig Mies Van Der Rohe Oscar Neimeyer

### Visits out / visitors in

Visit from the Explorer Dome Earth Show on Friday 6<sup>th</sup> September 2024.



#### Week 12

Preparing for destination.

Test and evaluate the bridge against withstanding elements.

#### Week 13

Destination.

Strengthen, stiffen and reinforce bridge.

#### Week 7

Identify features of a volcano.

Research how natural disasters and key events have affected bridges around the world.

#### Week 6

Understand geographical characteristics within Pompeii.

Investigate and evaluate the architecture works of Oscar Neimeyer.

#### Week 11

Preparing for destination.

Make a woodwork bridge.

#### Week 8

Describe and understand the impact of natural disasters (volcanoes) on Pompeii.

Design a bridge on paper using an exploded diagram.

#### Week 4

Understand time zones and how they differ throughout the world.

Investigate and evaluate the architecture works of Gaudi.

#### Week 5

Locate Pompeii in Europe.

Investigate and evaluate the architecture works of Ludwig Mies Van Der Rohe.

#### Week 3

Understand the significance of longitude and latitude.

Investigate and evaluate the works of Brunel.

#### Week 2

Identify the position of longitude and latitude.

Investigate and evaluate the architecture works of Zaha Hadid.

#### Week 10

Identify and describe the key aspects of food, minerals and water in Europe.

Make a woodwork bridge.

#### Week 9

Describe and understand key aspects of earthquakes.

Design a bridge on CAD.

#### Hook Day!

Explorer Dome Earth Show, volcano art and investigating natural disasters.

#### Week 1

Locate Europe on a world map and locate Russia in comparison.

Investigate and discuss the importance of architecture and how it changes around the world throughout history.