

# Autumn 1<sup>st</sup> Half Topic: The Bouncing Bomb

## Literacy

Different genres of fiction  
The use of imagery in poetry  
Biography and autobiography  
Journalistic writing  
Sentence structure  
Spellings  
Grammar  
Punctuation

## Numeracy

Place Value, Rounding;  
Number sequences;  
Mental and written addition and subtraction of large numbers;  
Multiples, factors and prime numbers;  
Written methods for multiplication and division;  
Circles and angles;  
Units of measure.

## Science

Scientific Enquiry  
How we see things - In this unit children learn that mirrors and shiny surfaces alter the direction in which light travels and that when they see objects, light enters the eye. Children contrast reflection and shadow formation.  
We will also be linking this unit to the Blackouts in WWII.

## Religious Education

Worship and Community: Sikhism  
Why are sacred texts important?

## Design and Technology

Shelters: In this unit, children will learn about structures; how they can fail when loaded the use of techniques for reinforcing and strengthening structures. The main outcome of this unit will be the design and construction of a framework-type shelter for an identified purpose. We will be looking at structures in the context of our topic on WWII and the different types of air raid shelters e.g. Anderson and Morrison shelters.

## History

Local History Topic  
What was it like in Harmondsworth in second world war?  
Barnes Wallis and the Bouncing Bomb.  
What was it like for children in the second world war?

## Computing

Coding: The Government has changed the computing curriculum to include coding. In year 6 children will be learning how to write basic computer code in the context of creating a computer game.

## Physical Education

Games: Invasion Games  
Gymnastics: Shapes, balances and flight, using the floor and apparatus

## P.S.H.E

Rights & Responsibilities  
Understand the dangers associated with drugs

## Music

Sounds: how sounds are made and changed

## Spanish

Children will be building on the Spanish they learnt in year 5.

## Art

Not this Term