

ENTRY POINT- Point Investigate Materials

LITERACY -Art 12, 13

The children will learn how to:

Speaking and Listening

- explain and give reasons for views and opinions.

Reading

- discuss and evaluate how authors use language and explain its impact on the reader.
- distinguish between facts and opinion in non-fiction books and newspapers

Spelling

- identify and distinguish between homophones
- explain how prefixes and suffixes change the meaning of words.

Writing

- use commas to clarify meaning and avoid ambiguity
- use brackets, commas or dashes to indicate parenthesis
- identify and use different sentence structures (simple, compound, complex).
- write information text using subheadings & bullet points.
- use modal verbs to indicate degrees of possibility
- evaluate and edit writing to improve the content.

MUSIC- Art 31

The children will:

- Investigate the topic of forces in music including acceleration; tempo and light/ heavy.
- Compose fairground ride music in groups using graphic scores.
- Learn and practice songs for the Royal Festival Hall performance.

Making New Materials



Year 5 Spring Term 1-2

SCIENCE Properties And Changes In Materials - Art 23

The children will learn to:

- Compare and group together everyday materials on the basis of their properties,
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including
- Give reasons, based on evidence from comparative and fair tests
- Demonstrate that dissolving and mixing changes the state of some materials.
- Record results and observations.

ICT Art/Website Design -Art 14

Children will learn to

- develop an appreciation of the links between geometry and art
- become familiar with the tools and techniques of a vector graphics package
- develop their research skills to decide what information is appropriate for a website.
- understand some elements of how search engines select and rank results

PHSE Going For Goals-Art 29,15

Setting goals and identifying steps to achieve them and overcoming set backs

RE- Hinduism /Christianity-Art 14

To know and explain the features of a Mandir.
To understand at least 4 of the 10

EXIT POINT- Recyclable Sculptures

NUMERACY -Art 28

Mental Maths

- learn efficient strategies to calculate answers mentally.
- know tables to 12 including inverse.

Number and Calculation

- explain and identify factors, multiples and prime numbers
- understand and use the inverse relationships between multiplication and division.
- read and write Roman Numerals to 1000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- add ,multiply, divide and subtract numbers with 4 or more digits

Problem solving

- represent information in a puzzle or problem using numbers, images or diagrams.
- use all four operations to real life solve problems with more than one step e.g. journey times, tiling, money problems.

INTERNATIONAL - Art 41

The children will:

- Compare similarities and differences between fairgrounds and theme parks in our host and home countries
- How international agencies are helping to increase energy efficiency and tackle the problems of noise and light pollution.

DESIGN AND TECHNOLOGY- Art 31

The children will:

- Understand how technology is used to make and design objects.
- Evaluate and compare existing games and rides used at fairgrounds.
- Plan, make and evaluate models and games which may be used at fairgrounds.