

Sapphire Class
Years 3 & 4
Spring 2022

Science Museum

Trips/Visitors: TBC
School nurse/first aider
Dental hygienist
RAMM

Mathematics

Place Value

Addition and Subtraction

Multiplication and

Division, Statistics,

Time, Coordinates,

Directional language,

Shape, Compass Points,

Fractions, Measurement,

Times Tables - By the

end of year 4 the

children need to know all

times tables up to 12x12.

Client & Commission: The NHS are working with a museum curator to put together an exhibition to **celebrate** all aspects of the NHS at the age of 73 years old. The exhibit must include; the inventions of life saving equipment, the history of the NHS and significant NHS figures that have improved medicine and health care, the development of vaccines, medicines and antibiotics. The NHS would also like an exhibit based on the human body with the aim to teach people about their bodies and keeping them healthy; physically, mentally and emotionally as well as teaching people basic first aid skills.

Enquiry Questions/ Lines of Investigation:

Social: Who are the people who have helped to shape the NHS both today and in the past? Is it just doctors and nurses that work for the NHS?

Political: Should the government spend more money on the elderly? How is NHS money distributed? Is it fair?

Historical: What was life like before the NHS?

Environmental: Should certain areas of the country get better health care services than others? Should everyone have the same health care services?

Critical: Should organ donation be compulsory?

Ethical: Should all people be treated equally? Should plastic surgery be provided by the NHS?

Spiritual: Should someone's religious or spiritual beliefs play a role in their treatment choices?

Moral: Is good physical health more important than good mental health?

English

Spellings tests will take place every Friday.

We will be writing:

Script writing

Instructions

Formal/Informal letters

Poetry

Reports

Newspaper article

Speeches

Diary extracts

Debates

Non-fiction

Leaflets/brochures

Biographies/Autobiographies

Personal, Social and Emotional Development

RE - ISLAM: How do festivals and worship show what matters to a Muslim?

Easter Story: Re-enactment the Easter story and perform in Church as part of the Easter service.

PSHE - Keeping/staying healthy. Being responsible. Computer safety- Online bullying.

Computing- Private and personal information. The power of words. The key to keywords.

Creative Development

DT- Food Preparation and Cooking: Prepare and cook a variety of healthy dishes using a range of cooking techniques.

Art- Celebrating diversity through portraiture.

Music - Charanga.

Physical Development

PE - Led by SAINTS: Invasion games, gymnastics and dance

Knowledge and Understanding of the World

History - The history of the NHS. Healthcare before the NHS - Establishing the NHS - The NHS now.

People who have helped to develop modern medicines including:

- **Kathrin Jensen**- Head of vaccine research and development for covid19,
- **Marie Curie**-Polish physicist and chemist who conducted pioneering research on radioactivity.
- **Rosalind Franklin**- An English chemist and x-ray crystallographer whose work was central to the understanding of molecular structures of DNA and viruses.
- **Florence Nightingale**- An English social reformer who founded modern nursing during the Crimean War, in which she organised care for wounded soldiers.

Science - **Humans:** To identify that humans have skeletons and muscles for support, protection and movement. describe the simple functions of the basic parts of the digestive system in humans. Identify the different types of teeth in humans and their simple functions. Identify, name, draw and label the basic parts of the human body. the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. **Light:** Recognise that we need light in order to see things and that dark is the absence of light. Notice that light is reflected from surfaces. That light from the sun can be dangerous and that there are ways to protect our eyes and bodies. **Sound:** Identify how sounds are made, associating some of them with something vibrating. Recognise that vibrations from sounds travel through a medium to the ear. Find patterns between volume of a sound and the strength of the vibrations that produced it. Recognise that sounds get fainter as the distance from the sound source increases.