

## Science

Study of famous scientists and how their scientific research has impacted our lives today e.g. Pasteur, Marie Curie etc. Children will produce a group presentation where each child is responsible for an individual aspect.

Forces- Experiment into how surface area effects air resistance- parachutes.

Electricity- appliances, circuits, lamps, switches, insulators and conductors.

Light- sources, reflections, shadows etc.

## ICT/Computing

Internet Search Engines- link to History. Refining searches and referencing when using information in studies.

Using graphics programmes to produce work- e.g. 2Simple software to use publishing tool to produce a graphic novel.

Use of chart wizard function to produce graphs for science investigation.

## Geography

Map work- what did Europe look like before and after the World Wars? To know where major European countries are in relation to each other.

To know the name of seas and oceans, locate major UK cities on a map- link to Blitz targets.

## English

Poetry- study of imagery, link to a soldiers mission of going to war, 'Remembrance', Flanders Field.

Text based unit- 'Warhorse' by Michael Morpurgo.

Cine-Literacy unit- 'Carrie's War' by Nina Bowden.

Narrative writing- descriptive writing based on characters and settings- e.g. trenches during WW1, blitz during WW2.

Non-Fiction writing- diary entries, informal letters, charity campaign (persuasive), information texts.

Graphic Novel study.

Reading Comprehension texts- 'Private Peaceful', 'War Game' by Michael Foreman Non fiction texts

## Other Texts/Resources

Topic Books- Essex County Council Library loan.

Internet- various websites relating to WW1 and WW2.

Artefacts- including war medals, ration books, identity cards etc

## Year 6 Curriculum Overview Autumn 2017

# CONFLICT!

Wow

- Birch Hall Adventures
- Duxford Imperial War Museum
- Crucial Crew

## Religious Education:

War Memorials ( Private Columbine Statue), Signs and symbols (poppy).

Judaism- differences in terms of beliefs.

## PE

Swimming- local provision with qualified coaches.

Hockey- delivered in curriculum time.

Sportshall Athletics- link with TTC.

## PSHE

Roles and responsibilities. Anti-bullying strategies, fish philosophy etc. Holocaust and ethnic cleansing. Cyber-bullying and e-safety. Crucial Crew visit.

## History

World War 1: Timeline of events, trench warfare, use of animals (horses), Cavalry, Weapons, Battle of the Somme, Local war heroes- e.g. Hubert Columbine.

World War 2: Timeline of event, Axis and Allies, Blitz, Home Front, Rationing, Women at War, Evacuees, VE day, D-Day.

## Music

Essex Music Services scheme of work.

## DT/Art

Cookery- making WW2 cakes, compare to modern day recipes. Technology- to design and make a motorised vehicle.

Art- Horse portraits using pencil, ink and charcoal as media. War zone sketches, blitz images.

## Maths

Number System- efficient written methods for addition, subtraction, multiplication and division. Multiplication and division by 10, 100, 1000. Number patterns and sequences, Rounding numbers including decimals.

Geometry- Coordinates- battleships!

Transformations including reflection, rotation and translation. Angles and Bearings.

Problem Solving- converting units of measures. Time problems. Codebreaking linked to WW2.

Statistics- analysing flight data (parachutes Science link), comparing data.

'Hot' and 'Cold' tasks will be used for assessment purposes.