

## Topic News Mercury – Autumn 2. Our topic this half term is ‘World War 11’

### Maths

#### Year 4

- ✓ Convert between units of length including mm, cm, m and km
- ✓ Measure the perimeter of 2d rectilinear shapes
- ✓ Multiply and divide by 0, 1, 10 and 100
- ✓ Recall 6, 7 and 9 multiplication and division facts

#### Year 5

- ✓ Read, interpret and draw line graphs
- ✓ Read and interpret tables, two way tables and timetables
- ✓ Identify factors, common factors and prime numbers, as well as square numbers and cube numbers
- ✓ Multiply and divide by 10, 100 and 1000.

### English –

- ✓ Write persuasive letters
- ✓ Introduce ideas using a topic sentence
- ✓ Use rhetorical questions
- ✓ Use emotive vocabulary
- ✓ Write clear instructions
- ✓ Use subordinating conjunctions

### Science

#### Year 4 - Sound

- ✓ How we hear things. Identifying how sounds are made, associating some of them with vibrating. Recognising that sounds travel through a medium to the ear.
- ✓ Sound insulation – how effective different materials are at blocking sound. Recognising the difficulty of accurately measuring sound.
- ✓ Learning about the difference between pitch and volume. Finding patterns between the pitch of a sound and features of the object that produced it.
- ✓ Making a stringed instrument.
- ✓ Recognise that sounds get fainter as the distance from the source increases.

#### Year 5 -

- ✓ **Describe what happens to substances in water**
- ✓ **Know how to separate items in a mixture and know how to choose the correct equipment**
- ✓ **Describe how filtration works**
- ✓ **Know the process of evaporation**
- ✓ **Follow instructions and explain why salt is left behind in an experiment**

### RE

- ✓ Our comparative religion this year is **Islam**
- ✓ This term we will be looking at what Muslims believe about a good life.
- ✓ We will be retelling stories from the Qu'ran and exploring its themes and morals.

### Key question: Where did the children in WW11 go?

#### History

- ✓ Use sources of evidence to deduce information about the past.
- ✓ Select suitable sources of evidence, giving reasons for choices.
- ✓ Show an awareness of the concept of propaganda and how historians must understand the social context of evidence studied.
- ✓ Understand that no single source of evidence gives the full answer to questions about the past.

#### Geography

- ✓ Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. ☑

### PSCHE – Celebrating difference

- ✓ Different cultures in Britain and around the world.
- ✓ Valuing the similarities and differences between people.
- ✓ Learning to appreciate the power of having empathy for other people.
- ✓ What is racial discrimination?
- ✓ How to deal with different types of bullying.
- ✓ Celebrating difference across the world.

### PE

- ✓ Learning and developing the ball handling skills needed to play rugby.
- ✓ Learning and understanding the rules of rugby.
- ✓ Working together positively and effectively as part of a team.

**We do hope that this information is useful. If at any time you would like any further information or you have any questions, please do not hesitate to contact us via the school office.**

**Mrs Dawson (Reading, Year 5 Maths and English), Mr Halliday (PM lessons) and Mr Brown (Year 4 Maths and English)**