



### Maths

- Number: place value
- Number: addition and subtraction
- To know number bonds to 10 and related facts
- To add three single digit numbers

### Computing

- Online safety
- Coding: To understand algorithms and to use 2code.

### RE

Who is a Muslim and what do they believe?

### RSHE

Being me in my world - recognising when we feel worried and know who to ask for help.

### PE

Outdoor games: Develop throwing, striking, catching and dribbling skills.

Indoor: Gymnastics - points of contact

### Music

Orchestral Instruments

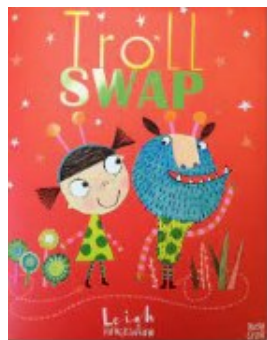
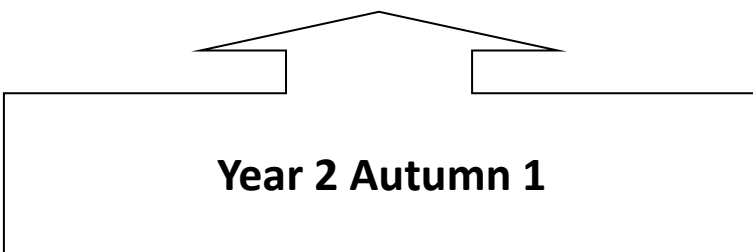
### Starting point:

### Educational visit to Hyde Hall

Children will explore minibeast habitats, plant growth and survival.

### Text:

Troll Swap by Leigh Hodgkinson



### English

Writing a story based upon the model text using the pupils' ideas for characters. Using punctuation correctly – full stops, capital letters. Writing expanded noun phrases to describe. Using subordination (because) and co-ordination (and).

### Science

Learn about the growth of plants from seeds and bulbs. Observe the growth of plants first hand, recording changes over time and identifying what plants need to grow and stay healthy.

### Art

Learn about basic colour theory by studying the colour wheel and colour mixing. Exploration of primary and secondary colours and how artists use colour in their artwork.

### History

*Why did the Great Fire of London spread?*

Understand from a variety of sources how we know about the Great Fire of London and what caused the fire to spread. What were the consequences and change that came as a result.

### Metacognition

What is metacognition and how do I learn?

## Ways in which you can support your child at home...


Below is a list of activities available on websites. Topmarks is a website with a range of maths games the children can play to practise their number bonds.

On purple mash in the science and plants link children can complete a variety of activities and quizzes about plants to support their science knowledge. If you have difficulty accessing any of the sites, please contact your child's teacher.




<https://www.topmarks.co.uk/maths-games/hit-the-button>

Purple mash



Science



Plants

[https://www.purplemash.com/#app/games/2diy/Plants\\_close\\_weekly](https://www.purplemash.com/#app/games/2diy/Plants_close_weekly)

<https://www.purplemash.com/#app/pup/>

### Places to visit as a family:

To support your child's learning this half term, why not consider taking a trip to:

- Hainault Country Park
- Rainham Marshes Nature Reserve to observe animals and their habitats.

### Reading:

Remember to listen to your child read every night for at least 15 minutes and write a comment in their reading record to show. It is expected that children read six times a week. Your child will also greatly benefit from you reading a story to them.

Goodmayes Library is a wonderful place to visit to encourage your child's love of reading. Children can borrow lots of lovely new stories and read a wide range of books.

# Maths

## Autumn 1

### Key Instant Recall Facts

This half term, the children are working towards achieving the target indicated below. The ultimate aim is for your child to be able to recall these facts **instantly**.

To know number bonds to 10 and related facts.

To add three single digit numbers.



#### Vocabulary

digits, bonds, related facts, addition, subtraction



Number bonds are two numbers that go together to make a target number. So number bonds to 10 are as follows:

0+10=	1+9=
2+8=	3+7=
4+6=	5+5=
6+4=	7+3=
8+2=	9+1=
10+0=	

#### Helpful hints:

- Use objects to consider the bonds in a practical way.
- Look at the patterns in a systematic way e.g. as one number increases, the other number decreases.
- Children need to know related facts e.g. if we know that  $6+4=10$  then we also know that  $10-4=6$  and  $10-6=4$ .

Children should be able to add 3 single digit numbers mentally. For example,  $4+3+3$ . I could say 'I know that  $4+3=7$  and I know that  $7+3$  is 10' or I could say 'I know that double 3 is 6 and  $6+4=10$ ' I solved this calculation using my known facts, without counting on my fingers. You could try rolling 3 dice and making it into a game.