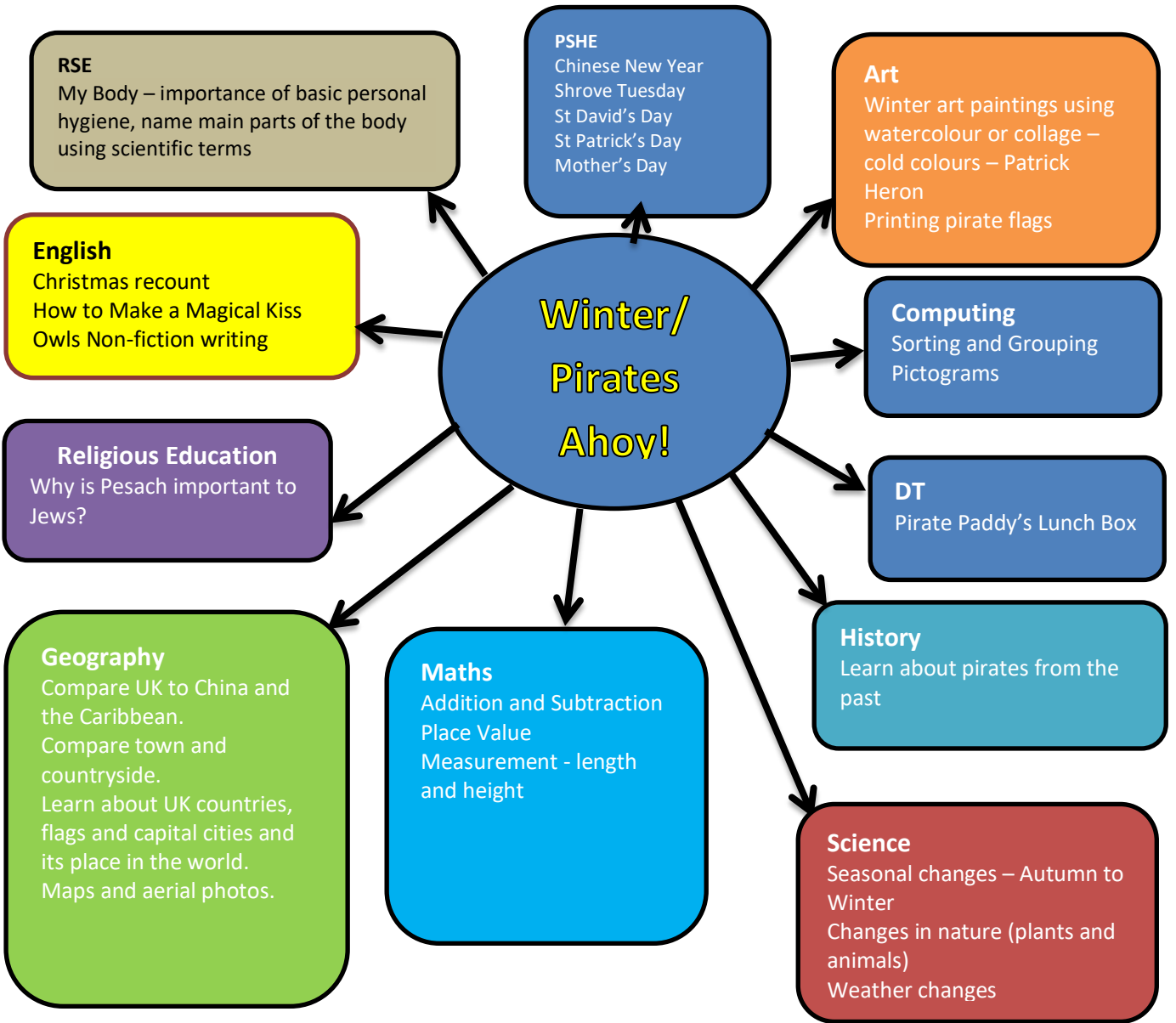


# KNOWLEDGE ORGANISER – Little Owl Class

## Spring Term 2022

### INTENTION

What we intend to cover in our learning:



### IMPLEMENTATION

Key words I will use and need to know:

**Science** – observe, signs, record, weather words, millimetres, degrees centigrade, temperature, adapt, cope, survive, hibernate, migrate

**Geography** – town, country, village, city, United Kingdom, England, Scotland, Wales, Northern Ireland, Europe, oceans, continent, equator, aerial view, harbour, beach, port, London, landmark, population, climate, tropical, temperate, Jamaica, Kingston, Caribbean, China, Beijing

**DT** – evaluate, product, disassemble, materials, waterproof, design, design criteria, specification, test, retest, improvements

**History** – past, compare, investigate, identify, historical, artefacts, photographs, paintings

**Art** – Patrick Heron, artist, watercolour, technique, background, foreground, colour mixing, printing, fabric, paper, paint

## Key information I will learn:

**Science** – I will be learning about the changes that happen in nature from Autumn to Winter.

**Geography** – I will be learning about the United Kingdom and comparing this to China and the Caribbean.

**DT** – I will be designing and making a lunch box for Pirate Paddy.

**History** - I will be learning about pirates from the past.

**Art** – I will be learning about Patrick Heron and creating my own art work in his style.

## Things to do and find out at home:

### Science:

- On a frosty morning, take a photograph and then ask your grown up to help you investigate the frost and find out what it is and where it comes from.
- Draw a picture of an animal that lives in a cold place and find out a fact to share with the class about your animal (using books or the internet).
- Go on a winter walk and look at how things have changed since summer.

### Geography:

- Look at maps, atlases and globes and see if you can find the United Kingdom and countries within it and then do the same with China and the Caribbean.
- Go online (with an adult) and find out facts about the UK or China or the Caribbean/Jamaica then use this to make an information poster.

### DT:

- Design and make your own lunch box.

### History:

- With an adult, explore this website: <https://www.dkfindout.com/uk/history/pirates/>

### Art:

- Draw your garden in winter. What colours and shapes can you see? Would it look different in the snow/frost?

As a bit of fun, why not take part in the Big Garden Birdwatch: <https://www.rspb.org.uk/get-involved/activities/birdwatch/>

## IMPACT

The learning covered will be assessed against these National Curriculum objectives:

### Science

- observe changes across the four seasons
- observe weather associated with the seasons and how day length varies
- observe changes across the four seasons by exploring how some animals adapt to survive in winter

### Geography

- understand geographical similarities and differences through studying the human and physical geography in the context of the UK, China and the Caribbean
- use basic geographical vocabulary to refer to key human and physical features in the context of town and country
- name, locate and identify characteristics of the four countries and capital cities in the UK
- use world maps, atlases and globes to identify the UK and its countries

### Design and Technology

- design purposeful, functional, appealing products for themselves and other users based on design criteria
- communicate ideas through talking and drawing
- select from and use a range of materials and components according to their characteristics
- explore and evaluate a range of existing products
- evaluate their products and ideas against design criteria

### Art

- learn about the work of a range of artists
- use drawing and painting to develop and share their ideas, experiences and imagination
- develop a wide range of art techniques in using colour, shape, form and space

### History

- An awareness of events beyond living memory
- An awareness of the lives of significant individuals in the past nationally or globally



Purple Mash Computing Scheme of Work: Knowledge Organisers

**Unit: 1.3**  
**Pictograms**

Key Learning



Purple Mash Computing Scheme of Work: Knowledge Organisers

**Unit: 1.2**  
**Grouping and Sorting**

Key Resources