

# Maths opportunities linked to topics – Spring

## Topic - Explorers

Year 1



Maths Learning across spring term (White Rose scheme)

- Number: Addition & subtraction - 4 weeks
- Place value (within 50) – 3 weeks
- Measurement: Length & Height – 2 weeks
- Measurement: Weight & volume – 2 weeks

### Number & calculation

- ❖ Order some significant explorers on a timeline and identify the continents visited
- ❖ Recognise and use language relating to dates, including weeks, months and years; to compare intervals of time
- ❖ Make a number fact book all about the Golden Hind  
E.g., When was the Golden Hind built?  
How long was the ship?  
What year did it sink?  
How many cannons did the Golden Hind have?  
How fast did it travel?
- ❖ How long was the journey Francis Drake took, in years? Months? Which continents did he travel pass and what oceans were sailed?
- ❖ Create a timeline for Francis Drakes journey around the world including key events

### Position and Movement

- ❖ Describe and follow journeys using compass directions and locational and directional language
- ❖ Use compass directions to explain location of continents in relation to each other and to the UK

### Data collection

- ❖ Look at the mode of transport from different eras and sort into very old (over 200 years ago), within living memory, and modern – match the material to the form of transport and create a class bar chart organised by era to see how the use of materials has evolved

### Shape

- ❖ What shapes are best for boats? Explore

### Measurement

- ❖ To test a variety of boats of given dimensions (measured carefully) children make from different materials and observe over time (record performance of materials over time) – chart results on a graph
- ❖ Know dimensions/measurements of Golden Hinde (research key number facts)
- ❖ In the playground, use trundle wheels to map out to the nearest metre the size of the Golden Hinde using known facts

