

### Opportunities for Greater Depth/Challenge

Design technology– children to make products by working efficiently by carefully selecting materials.

History– place artefacts on a time line using dates.

Geography– ask and answer geographical questions about the physical and human characteristics of a location.

### Enquiry

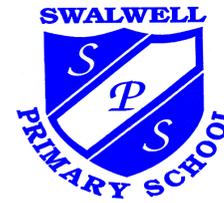
TASC wheel: Properties of materials and their suitability.

Mantle of the Expert: Create their own river with bridges across. How will they transport from factories? Using maps of local area to navigate.



### Outcomes and Impact

# FOG ON THE TYNE



Autumn 1

### Overview

**Study of local area: physical and human features, significant landmarks, changes within living memory.**

English - Writing to entertain

Narratives - Stories with predictable patterns

Poetry - Rhyme

**Class books:** The Gruffalo, Monkey Puzzle, Brown Bear

Maths

Count forward and back

Order and compare numbers

Add and subtract numbers

Computing

E-safety - link to staying safe in the locality

Exploring online systems

Grouping and sorting using a range of criteria

## History

- Timeline of changes to the Tyne Bridge.
- Order and discuss artefacts.
- Comparing different interpretations of the past.



## Geography

- Identifying countries within the UK using a map.
- Identify Newcastle, Gateshead and Swalwell on maps.
- Study of local area.
- Create own map of school.
- Draw map of UK.



## Science

- Investigate different materials and their properties.
- Look at the different vocabulary used to describe properties.
- Investigate which materials are the most effective when building a bridge



## Design Technology

- Study different bridges across the Tyne and their purpose.
- Visit to Quayside to observe different bridges (Swing, High Level, Tyne and Millennium).
- Design own bridge.
- Use appropriate materials and tools to create product.
- Evaluate product.



## Art

Art 2.1, 2.2, 2.3

- Develop sketching and drawing skills including sketch a bridge from Baltic.
- Use rubbings, media and observations for detail.
- Study work of local artist Jim Edwards.

## Music

Mu 2.1, 2.2, 2.3

- Listen to sounds recorded along River Tyne and identify different sounds.
- Use own voices to recreate sounds.
- Listen to and use instruments to accompany

## RE

Christianity:  
Creation story

Does God want Christians  
to look after the world?

## PSHE & Citizenship

It's our world

New Beginnings

## PE

Gymnastics

- Sprint, run, skip
- Skip, hop, gallop and side gallop
- Jump for height



## Visitors/Visits

Baltic, Bridges of Tyne, Angel of the North.

## Language

Town, city, local area, country, continent, bridges, rivers, sketch, draw, observe, materials, properties of materials, solid, hard, soft, rigid, elastic, shiny, dull, rough, smooth, waterproof, stretchy, transparent, translucent, structure.