Art and DT

Laing Art Gallery Visit Pavilions (Structures) In Art, we will be using our Laing Gallery visit as inspiration for a series of artworks. In DT, we will plan, design and build a 3-D pavilion

structure.

P.E <u>Cricket</u> For part of this half-term, we will be attending cricket sessions at South North Cricket Club where we will learn the key aspects of cricket, including batting, bowling and fielding. We will also develop of co-ordination when throwing, catching and batting.



<u>Maths</u>

Length and perimeter:

This half term, we will learn about efficient ways to calculate the perimeter of a range of different shapes.

Fractions:

In this unit we will learn about proper and improper fractions and equivalence and will add and subtract fractions with the same denominator.

Literacy

<u>Poetry: The Lost Words</u> We will begin this half term with poetry and will create our own poems based on

'The Lost Words' poetry anthology.

Discussion text: Improving Gosforth

Our focus for this writing unit will be nonfiction writing. We will research our local area, considering what could improve it, before writing a discussion piece based on our research and findings.

Geography

Biomes

This half-term we will be learning about the world's main climate zones and consider where our own locality fits in. We will learn about the tropics, longitude and latitude, climate and biomes before looking more closely at the human and physical geography of the poles.

Computing

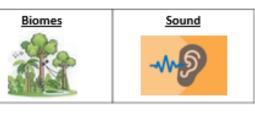
<u>3D Design and Coding</u> We will complete our 3D design projects before moving on to a new coding block. In this coding block, we will design sequences of code to create artwork and will refine our sequences to develop more efficient coding loops.

PSHE & 'Together Time'

Living in the wider world What should I share online? We will learn about how data is shared and used.

How can I look after my own money? We will learn how to keep track of money and why this is important.

<u>Year 4</u>



<u>Music</u>

Djembe drums This half term we will be appraising a range of music, including pieces by a traditional Nigerian djembe group. In our sessions, we will learn the 'kuku' rhythm and, over the course of the half term, we will learn and then perform our own solos.

<u>Science</u>

<u>Sound</u>

This half term we will be investigating how sounds are made and look at the features of different objects that enable them to produce specific sounds. We will carry out fair tests relating to volume and create our own comparative test to investigate the best materials for ear defenders.

Religious Education

<u>Religions in the local community</u> This half term we will be learning about the different religions that are represented in our local community. We will learn about the main beliefs and practices of the local faith communities.



Enrichment, Hooks & Pupil Engagement:

Picture Book Week – Tell me a Dragon, World Book Day, Red Nose Day, local place of worship visit for RE, KS2 Production, Laing Art Gallery Visit <u>'The Big Picture' Task:</u>

In Year 2, we learned about the oceans and continents of the world. In Year 4, we are developing this knowledge by looking more closely at how the world is divided into different climate zones and biomes and what the human and physical geography of those areas consists of.

<u>'Stunning Start' & 'Fantastic Finish' ('Mantle of the Expert')</u>. As Geography experts, we will be using our knowledge of biomes to help a research team study a climate zone and rehome animals in danger.