



**KENSINGTON AVENUE PRIMARY SCHOOL**

Together Everyone Achieves More

# Year 5 Newsletter Spring 1 2021

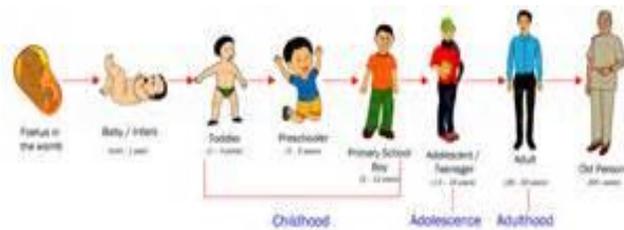
# Core Subjects

## As Readers and Authors we will:

- Link our writing and research to Time Travellers with focus on the book *Tom's Midnight Garden* by Philippa Pearce.
- Delve into our past to write our autobiographies.
- Write an adventure story.
- Become engineers and write instructions for building a time machine.
- Become poets and create poetic writing.
- Write formal letters.



**As Scientists** we will be studying animals including humans. We will be describing the changes as humans develop into old age. We will also create timelines to indicate stages in the growth and development of humans.



## As Mathematicians we will focus on:

### Coordinates:

Understand the concept of X and Y axis and plot points in all four quadrants.

### Movement:

Explore and explain movement of shapes by translation and reflection.

### Angles:

Estimate and compare acute, obtuse and reflex angles; draw given angles, measuring in degrees; identify totals of angles at a point and on a straight line.

### Data Handling

Collect, analyse and present data in a variety of ways.

### Fractions, Decimals & Percentages

Solve problems which require knowing percentages and decimals equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$  and those fractions with a denominator of a multiple of 10 or 25.

# Learning Journey Topic - Time Travellers



Tick, tock, tick, tock. The hands on the clock never stop. We will find out what happens to our bodies as we grow older and how we cope with these changes. We will also be journeying back in time to discover our pasts and possibly our futures too.

This half term, we are going to learn about how life and the world around has changed (and still continues to change) through time. We will look at changes in everyday life over the last 200 years – from art and culture to technology. We will create timelines of this history and compare it to our lives today.

We'll focus on how time changes human body by exploring changes in our lifecycle, as well as those in animal lifecycles, and how we adapt to these changes physically and emotionally.

We'll look at portraits and how they can reveal a lot about a person's life. We will focus on expressing our lives through self-portraiture by detailing our features through proportion and expression

At the end of our learning journey, we will become time travellers and design and create our own time machines. We will work in teams to build our creations and explore how we can get to our past and what we would like the shape of our futures to be.

## Help your child prepare for their project

Children will be creating timelines of their own family history or that of a well known person. This could be an actor, musician or historical figure.

They can explore through conversations with their families, internet searches and photographs.

We would like them to be as creative as they wish in how they present the family tree. They could present it as a collage, a timeline of photos or a traditional tree with branches of their own or their chosen person's family.

While creating this, we would like them to think about What challenges and journeys did their family travel? Where have they come from and how they have got to where they are today?

# Foundation Subjects



**As Computing technicians**, we will learn what spam is, the forms it takes, and then identify strategies to deal with it. We will reflect on the importance of citing all sources when we do our research. We will also learn how photos can be altered digitally. We will consider the creative upsides of photo alteration, as well as its power to distort our perceptions of beauty and health.

**Our focus this half term in PSHE is Health and wellbeing**



**As Citizens we will explore:**

- ❖ what is meant by a healthy lifestyle;
- ❖ how to maintain physical, mental and emotional health and wellbeing;
- ❖ how to manage risks to physical and emotional health and wellbeing;
- ❖ ways of keeping physically and emotionally safe.

**This half term our RE focus is Hinduism. We will:**

- study Hinduism and their beliefs about God;
- explore symbols and their meaning and importance;
- explore simple Hindu arts;
- learn about different Gods;
- understand the importance of a shrine, a Puja plate and the different items found on it;
- explore different Hindu festivals.

# Key Vocabulary

## Mathematics

## Topic - Science

Acne	Period	Womb
Adolescence	Puberty	Gestation
Egg	Reproduction	Embryo
Fertilise	Human	Ageing
Foetus	Baby	Elderly
Growth	Toddler	Retirement
Growth spurt	Child	
Development	Teenager	
Life cycle	Adult	
Mammal	Puberty	
Offspring		

Fraction	Reflection
Percentages	Transformation
Equivalent	Origin
Percent	Image
Decimal	Turn
Place value	Angle
Tenth	Degrees
Hundredth	Right angle
Thousandth	Acute angle
X-axis	Obtuse angle
X-coordinate	Reflex
Y-axis	Protractor
Y-coordinate	Data
Quadrants	Scale
Position	Axis
Direction	Graph
Translation	Frequency