

## DT – Steady Hand Game

Children will identify and name the components in a steady hand held game.

Children will decide on a clear design criteria for my game and make and create the base for the game.

Children will make and test a circuit and incorporate it into a base.

Children will finally evaluate their finished product



# Topic Map Year 6 Term: Autumn 2



TITLE:  Tut, Tut, Tut! 

## Computing – Digital Literacy

Children will identify benefits and risks of mobile devices broadcasting the location of the user/device, e.g. apps accessing location. They will identify secure sites by looking for privacy seals of approval, e.g. https, padlock icon.

Children will look at the benefits and risks of giving personal information and device access to different software.

They will understand the importance of balancing game and screen time with other parts of their lives and explore the reasons why they may be tempted to spend more time playing games or find it difficult to stop playing and the effect this has on their health.

Pupils will identify the positive and negative influences of technology on health and the environment.

## Music

### History of Music

To learn about a variety of music from major composers, and how they shaped western classical music.

To compose and devise graphic scores for an original piece of music using rhythmic body percussion.



## History - Ancient Egypt

We will be finding out about where and when early civilisations took place. Through enquiry we will look at daily life, how Egyptians used first writing systems, their famous buildings and inventions and how the Ancient Egyptians influence life in Britain today.

### Skills

- Draw time lines including events, people and periods previously studied.
- Be confident with chronological vocabulary (BC/AD, decade, century and millennium.
- Make connections and comparisons between different periods of time studied.
- Find out about beliefs, behaviour and characteristics of people recognising that not everyone shares the same views.
- Know key dates, characters and events times studied.
- Be aware that different evidence will lead to different conclusions.
- Plan and carry out individual investigations.
- Show knowledge and understanding of everyday life in another period and describe the characteristic features.

## R.E.-Vocation and commitment

Through Baptism and Confirmation, all Christians are called to share the mission of Jesus. There are many different ways of carrying out that mission. Children will learn that for some people their mission or vocation is as a priest or member of a religious order.

### Advent/Christmas

Christians celebrate the birth of Jesus, given by God as a sign and expression of God's love. Giving and receiving reflects the truth that all life is given by God and life is given meaning through the birth of Jesus. Advent is a time of joyful expectation, as we prepare to receive Jesus into our lives and to share this gift with others at Christmas and throughout the year.

## PE-Basketball

### Children will be able to:

Show consistent performance showing precision, control and fluency. Dribble effectively around obstacles. Show precision and accuracy when sending and receiving. Perform skills with accuracy, confidence and control combine and perform skills with control, adapting them to meet the needs of the situation. Play shots on both sides of the body and above their heads in practices. Pupils select and combine skills, techniques and ideas demonstrating their knowledge of tactics, strategies and composition. Respond consistently in the games they play, choosing and using skills which meet the needs of the situation.

## French

Children will continue to answer personal questions verbally and written. For example, their name, age, feelings, where they live, hair and eye colour, brothers and sisters. They will be able to read and understand personal information.

They will revise numbers 1-100 and the written forms of 1-20.

They will learn the analogue time and they will learn phrases for school routine.

Children will recap school subjects and give opinions about their favourite and least favourite subjects.

## PSHCE-Celebrating differences

Children will understand that there are different perceptions as to what normal means, they will understand how being different can affect someone's life.

Children will be able to explain the ways in which one person or a group of people can have power over another and know some of the reasons why people use bullying behaviours. They will be able to give examples of people with disabilities who lead amazing lives.

### Children will be able to:

- Developing confidence and responsibility and making the most of their abilities.
- Developing good relationships and respecting the differences between people.

## WOW Experiences –

Visits to our local allotment!

## Class Novel/Book:

Storm Breaker-Anthony Horowitz

## English

### Biographies

- Children will explore the biography of a particular person as presented in a range of different texts. We will link this to our History topic and explore the life of Howard Carter.
- Children will be able to evaluate the reliability and usefulness of biographical information from different sources.
- Pupils will understand the terms 'biography' and 'autobiography' and can use them appropriately. We will also cover writing an autobiography this year!
- They will extract and interpret information effectively from biographical and autobiographical sources and capture ideas, language and learning to be able to use and apply in the writing phase.

### Journalistic

- Children will read, explore, discuss and compare a wide range of journalistic news reports, in a variety of formats, on paper and on screen.
- They will listen to and compare a number of news reports and evaluate their effectiveness in terms of informing and engaging its audience.
- Children will show an awareness of the power and potential of different communication modes and listen attentively to an aural news report and make notes for specific purposes.
- They will use discussion and drama techniques to explore a particular event, incident or situation, and its protagonists.
- Following teacher modelling, children will write a news report about an incident explored earlier.
- They will write an effective news article in journalistic style, selecting language, form, format and content to suit a particular audience and purpose.



## Mathematics

### Decimals

#### Children will be able:

- To read and write decimals to thousandths; to use concrete materials to represent decimals. To divide whole numbers by larger whole numbers; to use Base 10 materials to represent tenths, hundredths and thousandths.
- To divide whole numbers that give rise to decimals; to calculate decimal fraction equivalents using long division.
- To convert fractions into decimals using bar models and long division.
- To write fractions as decimals; to use long division as the key strategy for turning fractions into decimals.
- To multiply decimals by whole numbers using partitioning or the worded method to help find the solution.
- To multiply whole numbers that include a decimal by other whole numbers; to use partitioning and the worded method as key strategies.
- To multiply decimals by whole numbers, including regrouping and renaming.

### Measurement and Solving Word problems

#### Children will be able:

- To convert common measurements into metres, centimetres and millimetres.
- To convert units of measure into different units; to use knowledge of decimals and fractions to help convert units.
- To convert metres into kilometres as units of measure.
- To convert units of mass from grams to kilograms using decimals and fractions.
- To convert units of volume from millilitres to litres.
- To convert units of time from minutes to hours; to represent time using 24-hour notation.

5.6 3.1 2.65  
9.3 0.7 1.24  
8.2 0.1 2.2  
0.12 7.7 0.3

## Science

### Classification Connoisseurs

- Children will describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals give reasons for classifying plants and animals based on specific characteristics.
- They will ask a variety of types of scientific questions and choose the most appropriate scientific enquiry method to answer a question.
- Furthermore, children will outline the method to experiment, list all the equipment needed, decide what data to collect and how much of it is needed and make predictions based on scientific knowledge.
- They will make a series of measurements adequate for the task, select appropriate measuring equipment, use standard measures as in including use of fractions and mixed units and decimals to one place.
- The children will also have opportunities to read scales with increased accuracy, compare 5 or more things, select apparatus and use with care.
- Present information clearly in tables including for repeat readings
- Record observations and measurements systematically (botanical diagrams, classification keys)

