

Art/DT

Topic: **Moving monsters**

Key Skills:

To understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages].

Ideas: Children will use research and develop design criteria to make their Moving Monsters They will learn how to design innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

Music

Types of music: **Animal magic - classical music**

Prokofiev "Peter and the Wolf"

Key skills: sing in tune; know how the combined musical elements of pitch, duration, dynamics, tempo and silence can be organised and used to create music; structure of modern orchestra.

Literacy

Book: **The Firework Maker's Daughter**

National Curriculum:

Maintain positive attitudes to reading and understanding of what they read by listening to and discussing a wide range of fiction, poetry, plays and non-fiction

Understand what he/she reads independently by drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

Understand what he/she reads independently by predicting what might happen from details stated

Key Skills:

Plan his/her writing by discussing and recording ideas within a given structure

Draft and write in narratives, creating settings, characters and plot

Evaluate and edit by assessing the effectiveness of his/her own writing

PE

Topic: **Invasion Games, Passing, Throwing, Catching**

National Curriculum:

Progress from individual games to team games using cooperative and competitive play.

Key Skills:

Play netball and hockey

Invasion games – basic skills

Science

Topic: **Light and Shadow**

National Curriculum:

Recognise that he/she needs light in order to see things and that dark is the absence of light

Notice that light is reflected from surfaces

Recognise that light from the sun can be dangerous and that there are ways to protect eyes

Recognise that shadows are formed when the light from a light source is blocked by a solid object

Key Skills:

Find patterns in the way that the size of shadows change
gather, record, classify and present data in a variety of ways to help answer questions

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PSHE and FBV

Topic: **Loss and Separation/ Money**

National Curriculum: Show awareness of issues affecting communities and groups

Reflect on the impact of people's actions on others

Key Skills:

Recognise how their behaviour and that of others may influence people both positively and negatively

Listen to, react on and respect other people's views and feelings

Learn about and reflect on their own spending habits / choices

Ivrit

Topic: **Where do we live?**

National Curriculum:

Listen attentively to spoken language and show understanding by joining in and responding.

Speak in sentences, using familiar vocabulary, phrases and basic language structures.

Read carefully and show understanding of words, phrases and simple writing.

Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases.

Key Skills:

Repeat sentences heard and make simple adaptations to them.

Follow simple instructions and link pictures or actions to language.

Read some familiar words aloud using mostly accurate pronunciation.

Recognise some familiar words and phrases in written form.

Ask and answer simple questions.

Record descriptive sentences using a word bank.

Maths

Topics: **Addition and Subtraction
Multiplication and Division**

National Curriculum:

Add numbers with up to three digits using the formal method of columnar addition

Subtract numbers with up to three digits using the formal method of columnar subtraction

Estimate the answer to a calculation and use inverse operations to check answers

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

Key Skills:

Write and calculate mathematical statements for multiplication and division using the multiplication tables that he/she knows, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects

Computing

Topic: **Coding**

National Curriculum:

To design and write a program that simulates a physical system.

To understand what a variable is in programming.

Key Skills:

To know what debugging means.

To understand the need to test and debug a program repeatedly.

To debug simple programs.

Humanities (History)

Topic: **Stone Age**

National Curriculum:

Observe small details in pictures and ask questions.

Use timelines to place events in order.

Use a range of sources to find out about a period and begin to collect information about the past.

Key Skills:

Use a range of sources to find out about a period and begin to collect information about the past.

Present findings about the past using drawing skills.

Describe similarities and differences between the houses during a time period.