

Maths

Number Facts

I can secure fluency in addition facts to 10.

- Number bonds to 10
- Doubles up to 6 + 6
- Number bonds to 6.
- Problem solving linked to the addition facts.

Multiplication

I can understand multiplication as repeated addition.

I can use an array to show repeated addition and represent them with a multiplication equation.

I can calculate the product within the 2, 5 and 10 times tables.

Division

I can recognise odd and even numbers.

I can use concrete resources for division and grouping problems.

I can calculate division within the 2, 5 and 10 times tables.

Fractions

I can divide shapes into equal parts.

I know that $\frac{1}{2}$ and $\frac{1}{2}$ = a whole.

Science

I can identify and name a range of materials.

I can suggest why a material might or might not be used for a specific job.

I can group and classify things.

I can carry out simple comparative tests.

I can communicate my ideas, what I have done and what I have found out in a variety of ways.

I can use scientific vocabulary to describe materials.

Investigating a variety of materials, their properties and uses.

Making simple predictions and conclusions.

What happens to materials when we try to bend, twist, stretch and squash them?

English

Focus Text - *The Princess and the White Bear King*

I can entertain the reader through stories.

To understand the structure of a story thinking about problems and resolutions.

To further develop the description through interesting adjectives and phrases.

To understand the structure of exclamation sentences and use these in our writing.

To use feelings words and adjectives to interest the reader.

Developing

- Punctuation
- Sentence structure
- Interesting verbs
- Conjunctions
- Past and present tense

DT - Drawbridges

I can explore ideas based on existing drawbridges.

I can communicate my design based on the design criteria.

I can choose appropriate materials based on their properties.

I can use a mechanism to make the drawbridge move.

I can make and evaluate my design.

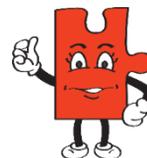
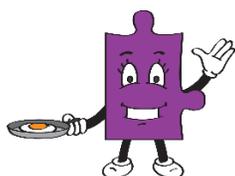
Looking at pictures and short clips of drawbridges. Discussing what they were and how they were used.

Create design criteria and a design that is based on these.

Create the drawbridge using selected materials.

Use a mechanism to make the drawbridge fit for purpose.

Evaluate the design and make based on the design criteria.



Year 2 Autumn Term 2 Turrets and Tiaras

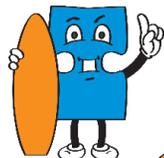
PE - Fundamental skills

I copy and remember actions.

I talk about what is different from what I did and what someone else did.

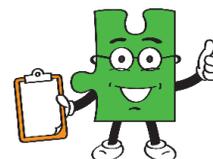
I use kicking, hitting and/or rolling in a game.

I follow rules.



Learning Culture

LORIC



Computing - Algorithms and Programming

We are Games Testers

I understand that algorithms are used on digital devices.

I can predict what a program might do.

I can test my predictions about a program.

I can describe what happens in a computer game.

Look briefly at games that have been designed using Scratch.

Make predictions from the initial look using the questions given to them.

Play the game to find out what happens and to test their predictions.

Record the actual program and whether their predictions were correct.

PSHE/Citizenship

Friends and Family

What is a friend?

What do friends do?

How can I make friends?

How can we cope with changing friends?

Who is special to me?

How are we the same and different to others?

RE

I can retell some Bible stories.

I can discuss the meanings of religious and moral stories.

I can begin to use key words and vocabulary related to Christianity.

Hands on Christmas journey (sensory).

What does Christmas mean to Christians?

I wonder what Christmas advent calendars symbolise?

History

I can identify and name the different parts of a castle.

I can explain why different parts of the castle were built.

I know what life was like inside the castle.

I know how the British royal family has changed in my lifetime.

Labelling the parts of a castle building.

Researching why the parts of the castle were built and what their purpose was.

Designing our own castle and justifying why we have built certain parts.

Looking at the different roles inside a castle and applying for a job.

Creating a basic family tree for the royal family, focusing on the marriage of Harry and Meghan as well as the births of Prince Louis and Archie Harrison.