

Computing - Creating Media - Making Music

During this term, children will learn how to:

- Identify simple differences in pieces of music.
- Describe music using adjectives.
- Say what they do and don't like about a piece of music
- Create a rhythm pattern
- Play an instrument following a rhythm pattern
- To experiment with sound using a computer
- Use a computer to experiment with pitch
- Identify that music is a sequence of notes
- Create my animal's rhythm on a computer

Design and Technology - Mechanisms: Design and make a fairground wheel

During this term, children will:

- Describe how axles help wheels move a vehicle and design and label a working fairground wheel.
- Evaluate different designs.
- Describe the properties of different materials and select appropriate materials for the wheel.
- Build a stable structure, test elements of the design and adapt the design as necessary.
- Make the wheel rotate, evaluate a wheel mechanism and adapt it as necessary.
- Recall that a survey is used to find out what people like, tally results and use the results to inform the design.
- Add pods for the correct number of people and ensure that the pods stay upright when rotating around a fixed point.
- Explain the decisions for the pod design.

English - Reading

During Summer 1, Year 2 children will explore the following texts:

- Cakes in Space by Philip Reeve
- The Ride-by-Nights by Walter de la Mere

English - Writing

Children will use the following texts to inspire their writing:

- Ocean meets sky by Eric and Terry Fan
- The Dragon Machine by Helen Ward

In handwriting children will learn to:

- Join and incorporate apostrophe - I'm I'll he's she's
- Join letter i to a/o in ian / ion - cian, sion, tion
- Join suffix strings - less, ness
- Join suffix strings - er, ier, est, iest

In spelling children will learn how to:

- Spell common exception words: *after, father, plant, path, bath, hour, move, prove, improve, sure, sugar, eye, who, whole, any, many, water, again, half, money, Mr, Mrs, parents.*
- To use the 'l' or 'el' sound spelt 'el' at the end of words.
 - *Key words: camel, tunnel, squirrel, travel, towel, tinsel.*
- To use the 'or' sound is usually spelt as 'a' before 'l' or 'll'
 - *Key words: all, ball, call, walk, talk, always*
- To use the sound spelt 'ar' and 'or' after a 'w'
 - *Key words: warm, war, ward, warn, towards, word, work, worm, world and worth.*
- Use the possessive apostrophe (singular nouns).
- Add the suffixes - ment and -less

- *Key words: penny, merry, fulfil, harm, care, power, agree, enjoy, pay.*
- Use the 'l' or 'el' sound spelt -al at the end of a word.
 - *Key words: metal, pedal, petal, capital, hospital, animal and medical.*
- Use the 'u' sound spelt 'o'
 - *Key words: other, mother brother, nothing, monkey*

Children will learn how to:

- Plan what they are going to write about.
- Write down key words, including new vocabulary encapsulating what they want to say, sentence by sentence
- Write narratives about personal experiences and those of others (real and fictional)
- Write poetry
- Write for different purposes To know how to:
- Evaluate their writing with the teacher and other pupils.
- Re-reading to check that their writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form.
- Proof-read to check for errors in spelling, grammar and punctuation [e.g. ends of sentences punctuated correctly)
- Read aloud what they have written with appropriate intonation to make the meaning clear.

History - Homes in the Past

During this term, children will learn:

- That homes haven't always looked the same as they do now.
- How household chores were completed in the past.
- How clothes were cleaned and dried before modern appliances.
- How cooking has changed in the last 100 years.
- To use traditional methods for making butter.

Maths

During this term, the children will learn the following aspects of maths:

Fractions

- Recognise, find and name a half as one of two equal parts of an object, shape or quantity
- Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity
- Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
- Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$

Time

- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- Know the number of minutes in an hour and the number of hours in a day

Problem solving and efficient methods

- Use place value and number facts to solve problems
- Solve problems with addition and subtraction:
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems
- Use concrete objects and pictorial representations, including those involving numbers, quantities and measures
- Apply an increasing knowledge of mental and written methods

Music - Pitch (Musical Me)

During this term, children will learn that:

- Notation is read from left to right.
- In all pictorial representations of music, representations further up the page are higher sounds and those further down are lower sounds.
- Sounds within music can be described as high or low sounds.

PE - Sending and Receiving

By the end of term, children will know how to:

- Roll a ball towards a target.
- Track and receive a rolling ball.
- Send and receive a ball with your feet.
- Develop catching skills.
- Develop throwing and catching skills.
- Send and receive a ball using a racket.

PE - Athletics

By the end of term, children will know how to:

- Run fast and develop sprinting.
- Develop jumping further.
- Develop jumping higher.
- Develop throwing for distance.
- Develop throwing for accuracy.
- Select and apply knowledge and technique in an athletics carousel.

PSHE

By the end of term, children will know:

- That everyone contributes different strengths and positives to their class.
- That we all believe in different things.
- That we are all from different places.
- We can all achieve different things.

Financial literacy

- What spending and saving means.
- What it means to receive pocket money
- What bank accounts are
- What it means to set a budget

RE - Who is a muslim and how do they live?

During this term, children will learn:

- Muslims believe there is only one God, and nothing is equal to God (Tawhid).
- There are no pictures of Allah instead attributes of are explored through the 99 names.
- Muslim will worship Allah through praying five times a day, known as salah, by reading the Qur'an and by going to the mosque.
- An important way for Muslims to worship Allah is to complete the 5 pillars.
- The Shahadah is the first pillar in Islam and many Muslims use the Shahadah to help them remember and think about Allah every day, it is whispered into a baby's ear after they are born and said by someone,
- usually in a mosque who wants to become a Muslim.
- The Shahadah also tells Muslims that Muhammad is the prophet of Allah who received the Qur'an, the Muslim holy book from God.
- Muhammad received the first verses of the Qur'an on The Night of Power when he was on Mount Hira and for the rest of his life, he received messages from Allah which Muslims can read in the Qur'an.
- The Qur'an also tells Muslims about the Five Pillars.
- Most Muslims will pray five times a day and this is known as Salah.
- Many Muslims will give money to the poor and this is usually 2.5% of their income and is known as Zakat. During the month of Ramadan, those Muslims who can, will go without food and water during daylight hours and this is known as Sawm.

Science - Plants

By the end of term, children will know:

- Plants can grow from seeds, bulbs or tubers.
- Plants need water, light and a suitable temperature to grow.