



Topic Map Tear 4 Term: Autumn 2



TITLE: Green Fingers/Muddy Feet

D&T – Pencil Cases

Children will explore a range of pencil cases in everyday use and consider their function, shape and design and the materials that have been used to create them. Children will explore different sewing techniques and decide on the most effective stitching for their own pencil case. They will then put this into practice

Computing

Children will continue to heighten their awareness of online safety which will include identity theft and have a greater understanding of what it means to leave a digital footprint. They will explore the risks and benefits to installing online apps, explore the positive and negative aspects technology brings to our lives that will include the importance of balancing screen time with other parts of their lives.

Geography

Why can our world be so challenging?

Children will explore extreme weather across the world such as Hurricanes, Tornadoes drought and Forest fires. They will compare floods both at home and further afield and will consider the effects global warming has on these catastrophic events.

PE

Basketball

Pupils will be encouraged to persevere when developing competencies in key skills and principles such as defending, attacking, throwing, catching and dribbling. Pupils will learn to use attacking skills to maintain possession of the ball. Pupils will understand the importance of playing fairly and keeping to the rules

Yoga

Children will learn yoga poses and techniques that will help them to connect their mind and body, building strength, flexibility and balance. The learning includes breathing and meditation taught through fun and engaging activities.

R.E – Called

Children will understand that our lives are marked by many different experiences of being welcomed into new situations and groups. We recognise the importance of being welcome, of feeling comfortable with new situations and belonging to new groups. Children will understand that we belong to families, to work places and to social groupings.

History – The Victorians

Children will create a timeline of key events in the Victorian era. They will explore the life of Queen Victoria, her children and her ward – Sarah Forbes Bonetta Davies. Children will explore how life in Liverpool was changed by the Victorians. They will learn about The Industrial Revolution and the abolition of child labour, as well as having the opportunity to compare the lives of Victorian children to their own.

French

Children will be learning to:
Ask and answer personal questions
Recognise school subjects
Read and show understanding of written words for school subject's.
Give opinions about school subjects.

PSHE-Getting on and falling out

Children will discuss and take part in activities to explore what it is like to fall out and how we can better get along.

Skills:

Developing confidence and responsibility and making the most of their abilities.
Prepare to play an active role as citizens.
Develop good relationships and respect the differences between people.

WOW Experiences –

School allotment & outdoor gardens

Class Novel/Book:

Hetty Feather by Jacqueline Wilson.

English

Spelling, Punctuation and Grammar

Children will use a range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although.

*They will use conjunctions, adverbs and prepositions to express time and cause and make use of appropriate nouns or pronouns within and across sentences to support cohesion and avoid repetition. Children will also use expanded noun phrases with modifying adjectives and prepositional phrases, for example, 'The strict teacher with curly hair.'

Play Scripts

Children will become familiar with the features of a play script. They will use drama to study and record character dialogue and actions. Children will begin to understand the layout and format of a range of play scripts. Children will learn how to write their own play script and include stage directions, settings and props.

Persuasive texts

Children will read, compare and contrast a range of persuasive texts, they will express views about the persuasive nature of different texts.

Whilst comparing persuasive texts, children will record common features of the text-types.

Children will be able to identify key language features in persuasive texts and write a range of persuasive texts including posters, advertisements

Mathematics

Multiplication and Division

Children will further develop their understanding of multiplication and division. They will learn how to divide and multiply by 1 and 0 and understand the law of commutativity. They will learn how to multiply three numbers together using prior knowledge of multiplication tables.

Children will use their tables and knowledge of place value to multiply multiples of 10, leading to the multiplication of 2-digit numbers using short multiplication. They will use their knowledge of multiplying multiples of 10 when multiplying multiples of 100, leading to multiplying 3-digit numbers using short multiplication.

Children will learn more about division and will divide 2-digit numbers using two methods, including numbers with remainders. They will learn to solve multiplication and division problems using the methods they have learned and will use bar models to visualise what the problem is asking them to do.

Science

Roots and Shoots

Children will identify the parts of a flower and their function, this will include the dissection of flowers to make accurate observations and label up diagrams accordingly. They will explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. In turn, they will also explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant and investigate how water is transported around a plant.

Scientific Enquiry

Children will suggest ways of making the test fair or if it can't be fair, how they will answer it by looking for a pattern.

From a selection, children will state what equipment is needed and suggest the type of data needed to be collected.

Children will be able to make simple predictions based on everyday experience and knowledge and use simple standard measures; m, cm, mm, kg, g, cm³, minutes, seconds, Newton. They will explore measuring to the nearest whole or half unit or mixed units.

Children will be able to read scales to the nearest division labelled and unlabelled.