

Year 5

Spring Overview



Tudor Grange Primary Academy

Yew Tree

English:

Poetry with attitude:

This poetry unit helps pupils to appreciate the power of language to communicate feelings, emotions and viewpoints through the written word. Pupils experience how poetry can be a source of inspiration, imagination and consternation. The poems selected cover a range of poetry forms and topical themes, providing pupils with 'food' for thinking and discussion. Pupils will imagine and explore feelings, ideas and emotions, focusing on the creative use of language. Children will explore how poets use language for comic and dramatic effect. Children will write in response to an issue raised.

Spring 2 – Under Development

Mathematics:

These statements include Year 4 re-cap lessons

- Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for 2-digit numbers.
- Divide numbers up to 4 digits by a one-digit number using the formal written method of short division.
- Compare and order fractions whose denominators are multiples of the same number.
- Identify, name and write equivalent fractions
- Recognise mixed numbers and improper fractions
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
- Add and subtract mixed numbers
- Multiply proper fractions and mixed numbers by whole numbers
- Find fractions of an amount
- Read, write, order and compare numbers with up to three decimal places.
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- Write, order and compare decimals as fractions.
- Round decimals with two decimal places to the nearest whole number and to one decimal place.
- Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred',
- Write percentages as a fraction with denominator 100, and as a decimal.
- Solve problems which require knowing percentage and decimal equivalents
- Understand equivalent fractions, decimals and percentages.

Science:

Mixtures and Reactions:

Children will know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution. They will demonstrate that dissolving, mixing and changes of state are reversible changes. Children will use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

Life Cycles:

Children will explore how many living things go through different stages of life. They will know that some animals lay eggs as part of their life cycle but that mammals do not. Children will describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird and describe the life process of reproduction in some plants and animals.

Computing:

Data Handling:

Excel Spreadsheets. Databases – links to Data Protection (e.g. NHS, Police databases). Questioning the integrity of data and where and how it can be compromised.

Media:

2Blog (Purple Mash), Blogging, Garage Band app/Audacity, create a radio station programme.

Physical Education:

Games (Real P.E) – social skills focus

I can negotiate and collaborate appropriately

I can give and receive sensitive feedback to improve myself and others.

I can involve others and motivate those around me to perform better.

PSHE (Jigsaw):

Dreams and Goals:

Understand that they will need motivation to achieve goals. Explore different jobs and what people can earn in different roles. Understand the dreams and goals of children in cultures different to their own. Support each other to achieve their goals.

Healthy Me:

Understand the health risks of smoking. Recognise the risks of misuse of alcohol. Put into practise basic first aid skills. Understand and describe the roles food can play in people's lives.

<p><u>History:</u> <u>Riotous Royalty:</u> This 'Riotous Royalty' unit will teach the children in depth about William the Conqueror's reign from 1066 onwards, how King John made himself very unpopular as monarch and why King Henry VIII married so many times. This unit also teaches who Queen Anne was, what Queen Victoria achieved during her reign and look at the role of the British monarchy today.</p>	<p><u>Geography:</u> <u>Extreme Earth:</u> This Extreme Earth unit will teach the children about the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes. Through discussion and practical tasks, children will learn about how and why these natural phenomena occur, and the ways in which they affect people and the environment.</p>	<p><u>Religious Education:</u> <u>Why is remembering so important to Sikhs?</u> Exploring 5Ks, religious symbols and making comparisons to other religions. <u>Why is Easter so important for Christians?</u> Exploring Easter around the world. Identifying significance of Easter to Christians.</p>	
<p><u>Art and Design:</u> <u>The Environment:</u> Looking at landscape paintings and drawings in the local environment. The children will be focusing on perspective. <u>Artist study:</u> Looking at and replicating the work of Georgia O'Keefe.</p>	<p><u>Design and Technology:</u> <u>Textiles:</u> This textiles unit will introduce the children to different sewing skills and techniques. The children will use blanket stitch and running stitch to create their own sea creatures. <u>Food and Nutrition:</u> The children are taught about and apply the principles of a healthy and varied diet by designing and making their own fruit kebabs.</p>	<p><u>Music:</u> To sing part songs with direction and texture. To improvise, compose and record to give a range moods and atmospheres. To rehearse and share compositions with others. To distinguish between changes in character and mood. Continue to look at sign language used throughout music.</p>	<p><u>Modern Foreign Languages:</u> To continue with focusing on greetings, in the classroom, age and feelings, where do you live? Family members and describing yourself and others.</p>



Joy, Love and Respect