

# Curriculum Overview | Guru Nanak Sikh Academy

## Year 5 | Autumn 1| 2022-2023



<p><b>As readers, writers and effective communicators we will be learning the following topics:</b></p> <ul style="list-style-type: none"> <li>• Narrative - We will be looking at a text called 'The Last Wild' and will be writing a chapter in the same style of the author, Piers Torday.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Consider purchasing a child friendly dictionary and thesaurus to help children to improve their spelling and vocabulary.</li> <li>➤ Ask children to retell chapters of the story in their own words to someone at home.</li> <li>➤ Ask children to write their own independent stories, giving them stimulus such as pictures.</li> </ul>	<p><b>As mathematicians we will be learning the following topics:</b></p> <ul style="list-style-type: none"> <li>• <b>Place Value-</b> Children will learn how to read and write numbers to 1,000,000 including decimals.</li> <li>• <b>Addition and Subtraction-</b> Children will build on both their written and mental skills, manipulating larger numbers.</li> <li>• <b>Rounding</b> - Children will learn how to round numbers to decimal places.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Encourage children to use maths in everyday life - calculating the cost of shopping and change given, reading scales as well as measuring ingredients.</li> </ul>
<p><b>As artists we will be creating:</b></p> <ul style="list-style-type: none"> <li>• Architecture - Children learn how to draw from observation, create a print and draw from different perspectives. They learn about the role of an architect and are challenged to consider why houses look the way they do and if there is scope to change and improve them.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Encourage children to sketch from observation with everyday objects around them, this could be carried out indoor or outdoor.</li> </ul>	<p><b>As musicians we will be learning about:</b></p> <ul style="list-style-type: none"> <li>• Classical Music - Children will learn about the features of classical music as well as key composers from their era. They will also learn how to compose their own short piece in this style.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Encourage children to listen to a variety of classical music at home to start identifying the features.</li> <li>➤ Research key classical composers and listen to their famous works.</li> </ul>
<p><b>As historians we will be enquiring about:</b></p> <ul style="list-style-type: none"> <li>• The Anglo Saxons and the Scots - we will learn about where the Anglo-Saxons and Scots came from, how they fought for territory and power, how their fighting ultimately led to the kingdom of England we know today and how</li> </ul>	<p><b>As linguists we will cover the following areas:</b></p> <ul style="list-style-type: none"> <li>• Punjabi - we will be learning and understanding relations on our mum and dad's side of the family.</li> <li>• Sikh Studies- we will be learning about the 24th Pauree of Japji Sahib, Guru Har Krishan Ji and selfless sewa.</li> </ul>

<p>England became a unified country.</p> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Research Anglo-Saxon, Picts and Scots in England and create a poster about them.</li> <li>➤ Create a factfile on signification individuals such as Hengst and Horsa.</li> </ul>	<p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Review reading and writing Punjabi alphabet.</li> <li>➤ Practice naming family members in Punjabi at home.</li> </ul>
<p><b>As scientists we will be investigating:</b></p> <ul style="list-style-type: none"> <li>• Animals including humans - children will learn about and be able to describe the changes from infancy to old age. They will also explore human reproduction and compare how gestation varies in different animals.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Discuss how animals and humans experience growth.</li> </ul>	<p><b>As technologists we will be covering the following topic:</b> <i>Search Engines</i></p> <ul style="list-style-type: none"> <li>• Developing searching skills to help find relevant information on the internet.</li> <li>• Learning how to use search engines effectively to find information, focussing on keyword searches and evaluating search returns.</li> <li>• Learn about different forms of communication that have developed with the use of technology.</li> <li>• Recognising that information on the Internet might not be true or correct and learning ways of checking validity.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ To understand that anyone can create a website and therefore we should take steps to check the validity of websites.</li> <li>➤ To develop a person website</li> <li>➤ To understand what copyright is and not copy and paste information.</li> </ul>
<p><b>As responsible citizens we will be learning about:</b></p> <ul style="list-style-type: none"> <li>• Inclusion - we will learn about what inclusion looks like and how it makes people feel.</li> <li>• Discrimination -we will learn about what discrimination looks like and how it makes people feel.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Research minority groups that may have experienced discrimination in the past or present e.g. races, genders.</li> <li>➤ Read newspaper articles that discuss cases of discrimination</li> </ul>	<p><b>As sports people we will be learning about:</b></p> <ul style="list-style-type: none"> <li>• Football - children will improve their defending and attacking play, developing further knowledge of the principles and tactics of each. They will begin to develop consistency and control in dribbling, passing and receiving a ball. Pupils will evaluate their own and other's performances, suggesting improvements.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Ensure your child does at least 30 minutes of exercise outside of school every day. This could be in the garden or</li> </ul>

and prejudice e.g. Black Lives Matter, Apartheid, Suffragettes

the local park.

- Encourage children to practice a range of ball skills using different ball types.



# Curriculum Overview | Guru Nanak Sikh Academy

## Year 5 | Autumn 2 | 2022-2023

<p><b>As readers, writers and effective communicators we will be learning the following topics:</b></p> <ul style="list-style-type: none"><li>• Playscripts - We will be learning about how to write playscripts through the novel 'Cosmic' by Frank Cottrell Boyce.</li></ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"><li>➤ Explore the features of playscripts such as stage directions, colons etc</li><li>➤ Expose children to playscripts by taking some out from the library or exploring some online.</li></ul>	<p><b>As mathematicians we will be learning the following topics:</b></p> <ul style="list-style-type: none"><li>• <b>Multiplication and Division</b> - Children will consolidate their learning on the basics and expand into 5 digit numbers.</li><li>• <b>Fractions</b> - Children will learn how to create equivalent fractions and work out fractions of amounts.</li><li>• <b>Shape</b> - Children will learn how to calculate area, perimeter of shapes as well as measure missing angles using a protractor. .</li></ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"><li>➤ Use language such as half, quarter, third at home and ask children to demonstrate these values using objects.</li><li>➤ Practice all times tables using TT Rockstars and using quick-fire questioning.</li></ul>
<p><b>As artists we will be creating:</b></p> <ul style="list-style-type: none"><li>• Electrical cards - Children will learn how circuits can be adapted to suit different purposes, explore series circuits and recreate one using conductive adhesive tape.</li></ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"><li>➤ Research electrical circuits and how electricity works.</li></ul>	<p><b>As musicians we will be learning about:</b></p> <ul style="list-style-type: none"><li>• Modern Era - Children will learn about Modern Era style music, noting the key features. They will learn about the key similarities and differences between key pieces before composing their own verse and chorus.</li></ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"><li>➤ Listen to music at home to expose children to a variety of different genres of music.</li><li>➤ Research key composers from this era.</li></ul>

<p><b>As geographers we will be enquiring about:</b></p> <ul style="list-style-type: none"> <li>North America - we will be learning about the countries of North America and their capital cities, the climates, geographical features, the human and physical features and the various time zones.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Research different North American countries e.g. USA, Canada and create factfiles</li> </ul>	<p><b>As linguists we will be covering the following areas:</b></p> <ul style="list-style-type: none"> <li>Punjabi - we will be learning about how to describe houses and household items by including information about size, colour and location.</li> <li>Sikh Studies -we will be learning about the 25th Pauree of Japji Sahib and Guru Nanak Dev Ji.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Ask children to name household items in Punjabi.</li> <li>➤ Encourage children to have conversations at home in Punjabi as much as possible.</li> </ul>
<p><b>As scientists we will be investigating:</b></p> <ul style="list-style-type: none"> <li>Forces- Children will explore falling objects and raise questions about the effects of air resistance. They will look at the effect of forces such as gravity, drag and push, as well as simple mechanisms such as pulleys.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Research Scientist such as Galileo Galilei and Isaac Newton and how they helped to develop the theory of gravitation.</li> <li>➤ Children can design and make products that use levers, pulleys, gears and/or springs and explore their effects.</li> </ul>	<p><b>As technologists we will be covering the following topic:</b> <i>Programming Music</i></p> <ul style="list-style-type: none"> <li>Children will be applying programming skills to create sounds and melodies leading to a battle of the bands performance.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Using a software programme (Scratch) to create music.</li> </ul>
<p><b>As responsible citizens we will be learning about:</b></p> <ul style="list-style-type: none"> <li>Pollution and protecting the environment - We will be learning about why plastic pollution is a key issue for our world today. We will explore simple everyday changes that everybody can make to help reduce ocean plastic pollution. We will also be raising awareness of this issue at home, school and in the local community.</li> <li>Rules and behaving responsibly -we will be learning about how a person's behaviour can affect others and what it means to 'behave responsibly'. We will explore how rules protect us and we will discuss why different rules are needed in different situations.</li> </ul> <p><b>How you can help at home:</b></p>	<p><b>As sports people we will be learning about:</b></p> <ul style="list-style-type: none"> <li>Netball - children will develop defending and attacking play during even-sided 5-a-side netball. They will learn to use a range of different passes to keep possession and attack towards a goal. Children will be encouraged to work collaboratively to think about how to use skills, strategies and tactics to outwit the opposition.</li> </ul> <p><b>How you can help at home:</b></p> <ul style="list-style-type: none"> <li>➤ Continue to exercise at home for 30 minutes per day.</li> <li>➤ Children can learn the rules of netball and practice playing with friends and relatives.</li> </ul>

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| <ul style="list-style-type: none"><li>➤ Consider ways to be more environmentally friendly around the home - recycling, turning lights off, and purchasing reusable water bottles.</li><li>➤ Explore the differences between rules in the home, school and workplace and discuss why these differences are needed.</li></ul> |  |
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