

Curriculum Overview | Guru Nanak Sikh Academy

Year 6 | Autumn 1 | 2022-2023



As readers, writers and effective communicators we will be learning the following topics:

- This term we will be reading 'Wonder' and our writing focus will be continuing a chapter and formal letters.

How you can help at home:

- Consider purchasing a child friendly dictionary and thesaurus to help children to improve their spelling and vocabulary.
- Ask children to retell chapters of the story in their own words to someone at home.
- Discuss the news and current events can enrich your child's understanding of the world.
- Encourage your child to write creatively in different genres, such as fantasy, realism, and adventure.

As mathematicians we will be learning the following topics:

- Children will learn how to read, write, order and compare numbers up to 10 000 000.
- Compare, order and simplify fractions.
- Recognise equivalences between fractions, decimals and percentages.
- Perform mental calculations involving 3- and 4-digit numbers.
- Use the order of operations.
- Create simple algebraic formulae.

How you can help at home:

- Practice all times tables using TT Rockstars and using quick-fire questioning.
- When shopping involve your child in comparing prices and discounts
- Cooking is always a perfect opportunity for understanding and practising numbers.

As artists we will be creating:

Art and Design skills

- In this collection of lessons children learn and develop their skills in: design, drawing, craft, painting and art appreciation; working as a group to design a hat
- Creating zentangle patterns and subsequent prints, painting in the style of impressionist painters and exploring the piece 'Nighthawks' by Edward Hopper

How you can help at home:

- Talk to your child about the work they create in lessons.
- Visit museums and art galleries to explore new art movements

As musicians we will be learning about:

- Rap - we're going to build into it gently but by the end of term children will be able to write and even freestyle a bit.
- Soundball- pupils make a sound and shape then pass it to another

How you can help at home:

- Talking to your child/children about this style of music and researching different raps.

<p>As historians we will be enquiring about:</p> <ul style="list-style-type: none"> • Vikings (and the Anglo Saxons). Children will compare the differences in culture and religions and what it would have been like living with both cultures. The children will learn about the legacy of both people and will learn how the settlements lead to the battle of Hastings in 1066 <p>How you can help at home:</p> <ul style="list-style-type: none"> ➤ Research Vikings and Saxons in England and create a poster about them. 	<p>As linguists we will cover the following areas:</p> <ul style="list-style-type: none"> • In Punjabi, pupils will focus on the topic 'Myself'. They will learn to write about their interests and hobbies. • In Sikhism, the pupils will learn about 30-31st Pauree of Japji Sahib and Sakhis from Guru Nanak Dev Ji's life. Importance of charity in Sikhism. <p>How you can help at home:</p> <ul style="list-style-type: none"> ➤ Have a discussion at home in Punjabi with your child about their interests and hobbies. ➤ Review reading and writing Punjabi alphabet.
<p>As scientists we will be investigating:</p> <ul style="list-style-type: none"> • Humans: Pupils will learn to name the main parts of the circulatory system and describe the functions of the heart, blood vessels and blood. They will learn about the impact of diet, exercise, drugs and lifestyle on the body. <p>How you can help at home:</p> <ul style="list-style-type: none"> ➤ Encourage your child to discuss how their body may be impacted by diet, exercise, drugs and lifestyle choices. 	<p>As technologists we will be covering the following topic: Bletchley park</p> <ul style="list-style-type: none"> • Explain that codes can be used for a number of different reasons and decode messages. • Explain how to ensure a password is secure and how this works. • Create a simple website with information about Bletchley Park including the need to build electronic thinking machines to solve cipher codes. <p>How you can help at home:</p> <ul style="list-style-type: none"> ➤ Research code and code breakers, create some codes at home ➤ Research importance of Bletchley Park to the World War II war effort
<p>As responsible citizens we will be learning about:</p> <ul style="list-style-type: none"> • Families and Friendship : Children will be learning about relationships; civil partnerships and marriage. <p>How you can help at home:</p> <ul style="list-style-type: none"> ➤ Encourage your child to talk about their PSHE lessons and have open discussions around the topic. 	<p>As sports people we will be learning about:</p> <ul style="list-style-type: none"> • Football: As in all units, pupils develop physical, social, emotional and thinking whole child objectives. • Pupils will improve their defending and attacking play, developing further knowledge of the principles and tactics of each. Pupils will begin to develop consistency and control in dribbling, passing and receiving a ball. They will also learn the basics of goalkeeping. • Pupils will evaluate their own and other's performances, suggesting improvements. They will learn the importance of

playing games fairly, abiding by the rules of the game and being respectful of their teammates, opponents and referees.

How you can help at home:

➤ **Practice throwing and catching at home.**

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Year 6 | Autumn 2 | 2022-2023



As readers, writers and effective communicators we will be learning the following topics:

- **The Highwayman** by Alfred Noyes - will be exploring a performance narrative poem to inspire fiction and descriptive writing; using figurative language as well as the use of dialogue.

How you can help at home:

- Show interest in topics your child is studying at school. These can be a great springboard into discussions.
- Expose children to poems by taking some out from the library or exploring some online.
- Getting your child to read their work out loud is a good technique to identify mistakes and improve their work.

As mathematicians we will be learning the following topics:

- Perform multiplication calculations using formal written methods.
- Multiply and divide up to 2 decimal places.
- Solve problems involving ratio and proportion.
- Calculate area of triangles and parallelograms. Find missing angles.
- Describe 3-D shapes and make nets.
- Use negative numbers and decimals in real-life contexts.

How you can help at home:

- Practice all times tables using TT Rockstars and using quick-fire questioning.
- Support your child by using mathematical language to talk about shapes
- Talk positively about where negative numbers are used in real life

As artists we will be creating:

Mechanical systems: Automata toys

- Using woodworking materials and skills, pupils construct a window display using an automata mechanism; measuring and cutting their materials,
- Assembling the frame, choosing cams, designing the characters that sit on the followers and also finishing with a foreground and background.

How you can help at home:

- Discuss and research mechanical and wooden toys.

As musicians we will be learning about:

- Rapping - children will continue to learn about 'spiking', and setting up rhymes in raps
- Soundball - pupils make a sound and shape then pass it to another

How you can help at home:

- Discuss what they have been learning in their lessons.
- Research various rappers.
- Play the soundball game at home.

<p>➤ Look at wooden toys you may have played with as a child.</p>	
<p>As geographers we will be enquiring about:</p> <ul style="list-style-type: none"> • South America versus the United Kingdom. We will identify the two focus areas on a map, learn the features of South America, including the countries there and the climate. They will then focus on one country looking at the features, sights and lifestyles before comparing it to the United Kingdom. <p>How you can help at home:</p> <p>➤ Research different South American countries e.g. Brazil, Chile and create factfiles</p>	<p>As linguists we will be covering the following areas:</p> <ul style="list-style-type: none"> • The pupils this term will focus on the 'Environment - reduce/ recycle/ reuse'. • In Sikhism, the pupils will learn about '32nd Pauree' of Japji Sahib and Udasis of Guru Nanak Dev Ji • Children will know about the timeline and states visited by Guru Nanak Dev Ji • Martyrdom of Guru Teg Bahadur ji and chaar sahibzaade <p>How you can help at home:</p> <p>➤ Have a discussion about the environment we live in and how to look after it</p> <p>➤ Listen to children recite the paurees the have learnt</p>
<p>As scientists we will be investigating:</p> <ul style="list-style-type: none"> • Animals Including Humans'. Pupils will investigate different food groups and find out why a variety of foods are important for a healthy diet. They will learn about the heart, muscles and the effects of tobacco, alcohol and other drugs. Also, they will learn about the effects of exercise on our bodies. <p>How you can help at home:</p> <p>➤ Do some exercise as a family and record your heart rates to see who is the fittest. Set your family exercise and healthy eating challenges.</p>	<p>As technologists we will be covering the following topic:</p> <p>Intro to Python: Iterate ideas, testing and changing throughout the lesson and explain what their program does. Use nested loops in their designs, explaining why they need two repeats. Alter the house drawing using Python commands; use comments to show a level of understanding around what their code does.</p> <p>How you can help at home:</p> <p>➤ Talk about the different softwares used in lessons and ask your child to talk to you about their projects.</p> <p>➤ Using logical thinking to explore software independently</p>
<p>As responsible citizens we will be learning about:</p> <ul style="list-style-type: none"> • Belonging to a community: Children will be learning about valuing diversity; challenging discrimination and stereotypes. They will also be focusing on expressing opinions and other points of view, including discussing topical issues. 	<p>As sports people we will be learning about:</p> <ul style="list-style-type: none"> • Netball: In this unit pupils will develop defending and attacking play during even-sided 5-a-side netball. Pupils will learn to use a range of different passes to keep possession and attack towards a goal.

How you can help at home:

- Encourage your child to talk about their PSHE lessons and have open discussions around the topic.

- Pupils will be encouraged to work collaboratively to think about how to use skills, strategies and tactics to outwit the opposition. They will start to show control and fluency when passing, receiving and shooting the ball. They will learn key rules of the game such as footwork, held ball, contact and obstruction.
- Pupils also develop their understanding of the importance of fair play and honesty while self managing games.

How you can help at home:

- Encourage your child to do some stretches at home to help with flexibility.