



# Year 6 Medium Term Plan – Frozen Kingdom



2023-2024

<b>Term</b>	Autumn 2		
<b>Key text</b>	Race to the Frozen North by Catherine Johnson,		
<b>Key Vocabulary</b>	Antarctic, Arctic, expedition, explorer, glacier, North Pole, South Pole, tundra, biome, permafrost, Northern Hemisphere, Southern Hemisphere, latitude, longitude, equator, Inuit		
<b>Ongoing objectives through this topic</b>	<p>Geography - Understand about weather patterns around the world and relate these to climate zones, know about changes to world environments over time.</p> <p>History - Make comparisons between aspects of periods of history and the present day</p> <p>PHSE- One world- Understand why people seek to manage and sustain their environment.</p>		
<b>Topic curriculum coverage and content</b>			
<b>Lesson WALT</b>	<b>Subject covered within lesson</b>	<b>Curriculum content covered within lesson</b>	<b>What will this look like when it's achieved?</b>
Lesson 1 WALT: <u>identify the position and significance of 'invisible' lines which mark the Earth</u>	Geography	<ul style="list-style-type: none"> <li>- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</li> </ul>	Children will <ul style="list-style-type: none"> <li>- Understand and explain what longitude, latitude, equator and prime meridian means</li> <li>- Know which hemisphere Arctic and Antarctic circles and England are in</li> </ul>
Lesson 2 WALT: <u>use four and six-figure grid references to locate different regions</u>	Geography	<ul style="list-style-type: none"> <li>- Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build his/her knowledge of the United Kingdom and the wider world</li> </ul>	Children will <ul style="list-style-type: none"> <li>- Be able to use lines of latitude and longitude to read and write four and six-figure grid references</li> <li>- Use four and six-figure grid references for places within Antarctica</li> </ul>

Lesson 3 WALT: <u>understand geographical similarities and differences between two places</u>	Geography	<ul style="list-style-type: none"> <li>- Understand about weather patterns around the world and relate these to climate zones</li> <li>- Understand and use a widening range of geographical terms e.g. specific topic vocabulary - climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</li> </ul>	<p>Children will</p> <ul style="list-style-type: none"> <li>- Know the difference between weather and climate</li> <li>- Know what a biome is</li> <li>- Know what the polar biome (climate, animals, plants) of the Arctic and Antarctica is and compare them</li> </ul>
Lesson 4 WALT: <u>explore how people live in the Arctic</u>	Geography	<ul style="list-style-type: none"> <li>- Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water</li> </ul>	<p>Children will</p> <ul style="list-style-type: none"> <li>- Know who Inuit's are</li> <li>- Know how they adapt to their environment</li> <li>- Understand some of their customs and traditions</li> </ul>
Lesson 5 WALT: <u>explore Megan Coyle- Orange Plain</u>	DT	<ul style="list-style-type: none"> <li>- Describe the work and ideas of various artists</li> <li>- Explore how artist develop their skills and control their art</li> <li>- Using textures to create collage</li> </ul>	<p>Children will</p> <ul style="list-style-type: none"> <li>- Identify how artists use collage</li> <li>- Use collage to a painted, drawn or printed background using a range of media, different techniques, colours and textures.</li> <li>-</li> </ul>
Lesson 6 WALT: <u>printmaking with stencils</u>	DT	<ul style="list-style-type: none"> <li>- Exploring stencils and a range of materials</li> <li>- Taking inspiration from the arts and crafts of the Inuit People</li> <li>- Use prior knowledge of collage</li> </ul>	<p>Children will</p> <ul style="list-style-type: none"> <li>- Create stencils to represent an Inuit design</li> <li>- Print fabric to use in fabric collage.</li> <li>- Children will arrange materials in order to create a desired outcome</li> <li>-</li> </ul>
<b>English unit link:</b> <u>biographies - Matthew Henson</u>	History	<ul style="list-style-type: none"> <li>- Give some reasons for some important historical events - Robert Falcon Scott and Matthew Henson</li> <li>- Make comparisons between aspects of periods of history and the present day</li> </ul>	<p>Children will</p> <ul style="list-style-type: none"> <li>- Know who Matthew Henson is and why he is historically important</li> </ul>

<u>and Robert Falcon Scott</u>		<ul style="list-style-type: none"> <li>- Address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance</li> </ul>	<ul style="list-style-type: none"> <li>- Know who Robert Falcon Scott is and how he is linked to Matthew Henson</li> <li>- Explain the impact they had on history</li> </ul>
<b>Discrete Teaching</b>			
<b>Lesson WALT</b>	<b>Subject covered</b>	<b>Curriculum content covered within unit</b>	<b>What will this look like when it's achieved?</b>
Lesson 1 WALT: <u>know the three main parts of the circulatory system and describe the job of the heart.</u>	Science Animals including humans	<b>Animals including humans</b> <ul style="list-style-type: none"> <li>- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</li> <li>- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</li> <li>- Describe the ways in which nutrients and water are transported within animals, including humans</li> </ul>	Lesson 1 children will <ul style="list-style-type: none"> <li>- Identify the three main parts of the human circulatory system.</li> <li>- Explain what the heart does.</li> </ul>
Lesson 2 WALT: <u>describe the important jobs of the blood vessels and blood.</u>		<b>Working Scientifically</b> <ul style="list-style-type: none"> <li>- Take measurements, using a range of scientific equipment, with increasing accuracy and precision, understanding the need for taking repeat readings when appropriate.</li> <li>- Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.</li> </ul>	Lesson 2 children will <ul style="list-style-type: none"> <li>- describe the differences between arteries, capillaries and veins.</li> <li>- discuss the four parts that blood is made up from.</li> <li>- explain why blood is oxygenated and deoxygenated.</li> </ul>
Lesson 3 WALT: <u>carry out a scientific experiment</u>		Lesson 3 children will <ul style="list-style-type: none"> <li>- make a prediction about the effect of exercise on heart rate.</li> <li>- carry out an investigation to look at how exercise affects heart rate.</li> <li>- draw a conclusion from results</li> </ul>	
Lesson 4 WALT: <u>understand that regular exercise is</u>		Lesson 4 children will <ul style="list-style-type: none"> <li>- state the benefits of exercise</li> </ul>	

<p><u>important for a healthy body</u></p>			<ul style="list-style-type: none"> <li>- conduct a survey to find the favourite forms of exercise in my class.</li> <li>- explain the importance of exercise and its impact on the body.</li> </ul>
<p>Lesson 5 WALT: <u>be able to explain how diet and exercise affect the body.</u></p>			<p>Lesson 5 children will</p> <ul style="list-style-type: none"> <li>- discuss what might make a lifestyle healthy or less healthy</li> <li>- interpret information about the diet and activities of different people</li> <li>- explain why different people have different calorie requirements.</li> </ul>
<p>Lesson 6 WALT: <u>recognise the impact of drugs and alcohol on the way bodies function.</u></p>			<p>Lesson 6 children will</p> <ul style="list-style-type: none"> <li>- explain how drugs and alcohol can affect the body. describe the impact of drugs and alcohol on the circulatory system.</li> <li>- Give an opinion about whether or not the government guidance on drugs and alcohol is suitable</li> </ul>
<p>Lesson 1 WALT: enter data and formulas into a spreadsheet</p>	<p>ICT</p>	<ul style="list-style-type: none"> <li>- Independently select, use and combine a variety of software to collect, analyse, evaluate and present data and information</li> </ul>	<p>Lesson 1 children will</p> <ul style="list-style-type: none"> <li>- identify cells using rows and columns</li> <li>- type text and numbers into cells</li> <li>- use the SUM function to add numbers together</li> <li>- use the SUM function to perform further calculations</li> </ul>
<p>Lesson 2 WALT: order and present</p>			<p>Lesson 2 children will</p>

data based on calculations			<ul style="list-style-type: none"> <li>- use the fill tool to copy formulas correctly</li> <li>- insert a bar or column graph</li> <li>- format aspects of a bar or column graph</li> <li>- sort data appropriately</li> </ul>
Lesson 3 WALT: add, edit and calculate data			<p>Lesson 3 children will</p> <ul style="list-style-type: none"> <li>- use formulas to calculate totals and averages</li> <li>- sort data by different criteria</li> <li>- add extra data, including inserting rows or columns</li> <li>- edit existing data and be aware of the results</li> </ul>
Lesson 4 WALT: use a spreadsheet to solve problems			<p>Lesson 4 children will</p> <ul style="list-style-type: none"> <li>- create a formula to solve a specific calculation (using figures and cell references)</li> <li>- replicate formulas over several cells</li> <li>- check calculations for errors</li> <li>- interpret data and make comparisons</li> </ul>
Lesson 5 WALT: plan and calculate a spending budget			<p>Lesson 5 children will</p> <ul style="list-style-type: none"> <li>- select and add items from a given list</li> <li>- calculate totals based on price and quantity of items</li> <li>- calculate a running total</li> <li>- calculate an amount remaining from a budget</li> </ul>
Lesson 6 WALT: design a spreadsheet for a specific purpose			<p>Lesson 6 children will</p> <ul style="list-style-type: none"> <li>- plan the requirements for a new spreadsheet</li> </ul>

			<ul style="list-style-type: none"> <li>- make decisions on formatting to improve the appearance</li> <li>- think of original ideas for using a spreadsheet</li> <li>- create a range of suitable formulas for a purpose</li> </ul>
Lesson 1 <u>WALT find out about the Buddhist beliefs of karma and reincarnation.</u>	RE Buddhism	<ul style="list-style-type: none"> <li>- Identifying and making sense of religious and non- religious beliefs and concepts; understanding what these beliefs mean within their traditions; recognising how and why sources of authority (such as texts) are used, expressed and interpreted in different ways, and developing skills of interpretation.</li> <li>- Understanding the impact</li> <li>- Examining how and why people put their beliefs into practice in diverse ways, within their everyday lives, and the wider world.</li> <li>- Making connections</li> <li>- Evaluating, reflecting on and connecting the beliefs and practices studied; allowing pupils to challenge ideas studied, and the ideas studied to challenge pupils' thinking; discerning possible connections between these and pupils' own lives and ways of understanding the world.</li> </ul>	Lesson 1 children will <ul style="list-style-type: none"> <li>- Describe in your own words what you think of the</li> <li>- Make connection and reflect on their own belief in comparison to the Buddhist belief of reincarnation.</li> </ul>
Lesson 2 <u>WALT: create a Mandalas using Buddhist symbols</u>			Lesson 2 children will <ul style="list-style-type: none"> <li>- Understand the significance of Buddhist symbols</li> <li>- Interpreting the connection to nature and permeance</li> </ul>
Lesson 3 <u>WALT: explore Buddhist worship</u>			Lesson 3 children will <ul style="list-style-type: none"> <li>- Know where Buddhists worship</li> <li>- Discuss that Buddhist temples are designed to symbolise five elements: fire, air, earth, water and wisdom.</li> </ul>
Lesson 4 <u>WALT: explore the roles of symbols in Buddhist worship</u>			Lesson 4 children will Explain some of the symbols associated with the Buddha statue

			Name some of the other symbols associated with Buddhism
<p>Other RE Lesson to coincide with the celebration</p> <p>Diwali 12th November. (Hindu, Sikh and Jains)</p> <p>Hanukkah 7th December – 15th December. (Jewish)</p> <p>Christmas 25th December. (Christian)</p>			
Lesson 1 WALT: <u>interpret graphic scores</u>	Music Unit 2 Voices	<ul style="list-style-type: none"> <li>- perform, listen to, review and evaluate music across a range of historical periods, genres, styles and traditions, including the works of the great composers and musicians</li> <li>- learn to sing and to use their voices,</li> <li>- to create and compose music on their own and with others, have the opportunity to learn a musical instrument,</li> <li>- use technology appropriately and have the opportunity to progress to the next level of musical excellence</li> </ul>	Lesson 1 children will <ul style="list-style-type: none"> <li>- interpret some graphic scores.</li> <li>- create and perform their own graphic scores.</li> </ul>
Lesson 2 WALT: <u>create melodies</u>			Lesson 2 children will <ul style="list-style-type: none"> <li>- learn what a scale is.</li> <li>- use a solfa staircase to create melodies.</li> <li>- perform these to the rest of the class.</li> </ul>
Lesson 3 WALT: <u>create and sing an ascending and descending scale</u>			Lesson 3 children will <ul style="list-style-type: none"> <li>- sing an ascending and descending scale.</li> <li>- use the ascending and descending scale to create a short piece</li> <li>- perform</li> </ul>
Lesson 4 WALT: <u>learn and perform a song</u>			Lesson 4 children will <ul style="list-style-type: none"> <li>- learn two sections from 'Sing' by Ed Sheeran.</li> <li>- create a class performance.</li> </ul>

Lesson 5 WALT: <u>create and perform a vocal piece</u>			Lesson 5 children will - work in small groups to create an arrangement of 'Sing' by Ed Sheeran
Lesson 6 WALT <u>record and evaluate a performance</u>			Lesson 6 children will - record an arrangement - evaluate the recording
Lesson 1 WALT: <u>ask and answer questions</u>	French Let's go shopping	Let's go shopping - Understand how to make changes to an adjective in order for it to 'agree' with the relevant noun - Write a range of phrases and sentences from memory and adapt them to write his/her own sentences on a similar topic - Attempt to read a range of texts independently, using different strategies to make meaning - Engage in longer conversations, asking for clarification when necessary	Lesson 1 children will - greet, respond and say goodbye
Lesson 2 WALT: <u>understand basic grammar rules and how to apply these</u>			Lesson 2 children will - use the correct masculine or feminine form of à côté de to describe the position of a shop
Lesson 3 WALT: <u>use the correct form of adjectives to describe nouns</u>			Lesson 3 children will - use the correct order to describe nouns, using foncé and clair - use the masculine and feminine form of colours when necessary
Lesson 4 WALT: <u>ask and answer questions, express opinions and respond to those of others</u>			Lesson 4 children will - ask and answer questions about the cost of items - take part in role play.
Lesson 5 WALT: <u>read and interpret lists written in French</u>			Lesson 5 children will - locate the relevant information from a list - answer questions by writing money amounts in French -



<p><u>Lesson 6 WALT:</u> <u>take part in role play, speaking in French</u></p>			<p>Lesson 6 children will</p> <ul style="list-style-type: none"> <li>- use the French they have learned to take part in a 'Shopping Experience'</li> </ul>
<p><u>Lesson 1 WALT:</u> <u>Know your rights</u></p>	<p>PSHE <u>RESPECTING RIGHTS</u> <u>ONE WORLD</u></p>	<p>RESPECTING RIGHTS AND ONE WORLD</p> <ul style="list-style-type: none"> <li>- Recognise the importance of getting help if they feel lonely or excluded, and can describe how to help others to feel included</li> <li>- Name different types of bullying, explain the effects of bullying and hurtful behaviour, including online, and how to respond if it is experienced or witnessed</li> <li>- Say what discrimination is, recognise that everyone deserves to be treated with respect, and how discrimination can be challenged</li> <li>- Describe different types of relationship, including loving and intimate relationships, and explain that people can experience emotional, romantic and sexual attraction with people of different or the same sex</li> <li>- Identify a range of different rules, laws, and human rights, explain why they are important and possible consequences of not following rules</li> <li>- Explain what stereotypes, prejudice and discrimination mean, why they need to show others respect and how they can positively challenge discrimination</li> </ul>	<p>Lesson 1 children will explain what the Universal Declaration of Human Rights is and understand that children have their own rights.</p>
<p><u>Lesson 2 WALT:</u> <u>Understand if all humans have rights and if so how they are met</u></p>			<p>Lesson 2 children will</p> <ul style="list-style-type: none"> <li>- understand that human rights apply to everyone, no matter where they are from or what their culture is and family traditions are.</li> <li>- identify why people's rights are sometimes not met in the UK and in places across the world.</li> </ul>
<p><u>Lesson 3 WALT:</u> <u>consider respect in relation human rights.</u></p>			<p>Lesson 3 children will</p> <ul style="list-style-type: none"> <li>- explain how I can respect other people's rights and I understand why this is important</li> </ul>
<p><u>Lesson 4 WALT</u> <u>understand that humans rights change and activism</u></p>			<p>Lesson 4 children will</p> <ul style="list-style-type: none"> <li>- identify how and why ideas about human rights have changed.</li> <li>- explain the role and importance of human rights activists</li> </ul>
<p><u>Lesson 5 WALT:</u> <u>Understand how we can be</u></p>			<p>Lesson 5 children will</p> <ul style="list-style-type: none"> <li>- Know that they have different responsibilities towards the environment.</li> </ul>

<u>responsible global citizens</u>			<ul style="list-style-type: none"> <li>- Know about the United Nations Declaration of Rights of the child</li> </ul>
<u>Lesson 6 WALT: describe what global warming is and what we can do to help prevent it from getting worse.</u>			<p>Lesson 6 children will</p> <ul style="list-style-type: none"> <li>- explain why global warming is happening.</li> <li>- identify the effects of global warming.</li> <li>- explain how different actions can help prevent the effects worsening.</li> </ul> <p>reflect upon my own feelings and commit to a small positive action</p>
<u>Lesson 7 WALT: explain how our energy use can harm the environment and describe what we can do to help</u>			<p>Lesson 7 children will</p> <ul style="list-style-type: none"> <li>- discuss about how the energy we use contributes to global warming.</li> <li>- identify what we can do to help.</li> <li>- commit to acting by making an energy pledge.</li> </ul>
<u>Lesson 8 WALT: WALT: describe how we can use water responsibly and understand the importance of doing this.</u>			<p>Lesson 8 children will</p> <ul style="list-style-type: none"> <li>- identify lots of ways in which we use water in our daily lives.</li> <li>- explain why it is important not to waste water.</li> <li>- find out how to use water responsibly by reading an information sheet.</li> <li>- show appreciation for the resources available to me.</li> </ul>
<u>Lesson 9 WALT:</u>			Lesson 9 children will:

<p><u>understand what biodiversity is and explain the importance of doing all we can to encourage it.</u></p>			<ul style="list-style-type: none"> <li>- can explain to a partner what biodiversity is.</li> <li>- identify the benefits of biodiversity.</li> <li>- show what biodiversity means to me through images and words.</li> <li>- reflect on what I can do to encourage biodiversity.</li> </ul>
<p><u>Lesson 1 WALT: complete a forward roll</u></p>	<p><b>P.E. Gym</b></p>	<ul style="list-style-type: none"> <li>- Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]</li> <li>- Compare their performances with previous ones and demonstrate improvement to achieve their personal best</li> </ul>	<p>Lesson 1 children will</p> <ul style="list-style-type: none"> <li>- bend knees into supported tuck placing hands shoulder width apart</li> <li>- keep back rounded</li> <li>- lift hips, push with legs and put top of back/shoulders on mat between hands</li> </ul>
<p><u>Lesson 2 WALT: complete a backward roll</u></p>			<p>Lesson 2 children will</p> <ul style="list-style-type: none"> <li>- Have hands pointing towards the direction of the roll close to shoulders</li> <li>- Take weight on hands, not head and neck</li> <li>- Push with arms, chin on chest</li> </ul>
<p><u>Lesson 3 WALT: complete a shoulder stand and cartwheel</u></p>			<p>Lesson 3 children will</p> <ul style="list-style-type: none"> <li>- From sitting, shift weight backwards through tucked position</li> <li>- Extend hips and legs vertical with toes pointing to ceiling and hip angle straight</li> <li>- Cartwheel timing to be equal – hand, hand, foot, foot</li> </ul>

<p><u>Lesson 4 WALT:</u> <u>complete a round off</u></p>			<p>Lesson 4 children will</p> <ul style="list-style-type: none"> <li>- Stretch arms forward and low</li> <li>- Turn shoulders then hips and bring legs together as quickly as possible</li> </ul>
<p><u>Lesson 5 WALT:</u> <u>complete two cartwheels consecutively</u></p>			<p>Lesson 5 children will</p> <ul style="list-style-type: none"> <li>- Perform one smooth cartwheel</li> <li>- Finish on one leg and continue straight into the next</li> </ul>
<p><u>Lesson 6 WALT:</u> <u>put movements together to form a routine</u></p>			<p>Lesson 6 children will</p> <ul style="list-style-type: none"> <li>- Put movements together in an order that flows</li> <li>- Use correct technique when completing each movement</li> <li>- Continue the movements with fluidity, without stopping between movements</li> </ul>