

**History:**

This term we will be studying the Victorian Era. We will be drawing timelines, comparing everyday objects, examining artefacts, making deductions based on evidence and investigating the British Empire. We will also be researching life for children in Victorian Britain.

**Skills -** To study a theme in history that extends pupils’ chronological knowledge.

To examine a range of sources to answer a range of investigative questions.

To place events in chronological order on a timeline.

Learning Journey: Autumn

Silver Birch Class – Year 5

**P.E**

This half-term, Year 5 will complete their fitness unit. Pupils will take part in a range of activities that explore and develop different areas of their health and fitness. They will learn different components of fitness including speed, stamina, strength, co-ordination, balance and agility. Pupils will be given opportunities to work at their maximum and improve on their personal fitness levels. They will need to persevere when they get tired or when they find a challenge hard and are encouraged to support others to do the same. Pupils are asked to recognise areas in which they make the most improvement using the data they have collected.

Swimming will be every Tuesday morning. PE will be every Friday.

**Design Technology**

This term the children will complete a wooden cam toy project. They will evaluate existing cam toys, design their own cam toy, make their own developing their measuring and sawing skills and then evaluate their project.

**Music**

This term, Year 5 will learn how to incorporate audience into a performance and continue to develop performance and singing skills through harmony and improvisation.

**R.E – Ourselves**

 In this topic we are reminded that each person is made in the image and likeness of God and that we should know ourselves and to appreciate that our value and uniqueness is central to our wellbeing.

Our second topic of the term will be **Belonging.** In this topic we will cover Baptism and we will recognise the importance of welcome, of feeling comfortable with new situations and belonging to new groups. We belong to families, to work places and to social groupings.

 Our third topic of the term will be **Hope.** In this topic we will be learning that Gifts, given and received, are a sign and expression of love.

We will also continue our daily collective worships and the children will have the opportunity to plan and lead these themselves.

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**Class Novel** – Journey to Jo’Burg

Walking had been so quiet but travelling in a lorry was very noisy. The air which had been so hot and still before, now swept past their faces. Naledi had made up her mind. Her baby sister was ill and needed her mother. Mother was working in Johannesburg, 300 miles away. The only way to reach her was to get to the big road and walk. So Naledi and her brother Tiro did just that.



**RSHE**

We will start the term focusing on our class rules and school mission statement. We will then move on to our Jigsaw topic - (Being Me in My World) and answering the question: 'Who am I and how do I fit?'

We will also start our Journey in Love topic, looking out how our bodies change.

Our No Outsiders topic will be based on learning from the past and justifying our actions.

**Computing- Differences between www & the internet**

This year we will be working with a specialist Computing teacher, Mrs Shaw.

We will be focusing on learning the differences between the internet and how we can access this safely.

We will also learn about how to use the internet appropriately and why some websites cannot always be trusted.

**Art**

Year 5 are going to be learning how to draw from observation, creating a print and drawing from different perspectives. We will also be learning about the role of an architect (Sir David

Adjaye) and considering why houses look the way they do and whether there is scope to change and improve them.

**Mathematics**

In Maths this term we will aim to provide your child with a deep understanding of the following topics:

* **Place Value and number**
* **Addition and Subtraction**

This half term will start with Number and Place Value. Children will be learning to read, write, order and round numbers to at least 1,000,000. They will be counting forwards and backwards in steps of powers of 10. Then we will be moving on to interpreting negative numbers and reading Roman numerals to 1000 (M).

When we finish place value, we will move on to adding and subtracting numbers with more than 4 digits using formal column methods. Finally, we will apply all these skills to solving number problems and practical problems.

The children will also continue to use Times Table Rockstars to continue to develop their timestable fluency. We will be also completing a times table test every fortnight.

**Things you can do with your child at home:**

Please continue to hear your child read regularly at home and sign their reading record, remember that you can record any type of reading in it not just their reading book (For example, iPad apps, magazines).

Ask them questions about what they have read: who was their favourite character? Can they predict what might happen in the next story? Your involvement in your child’s reading is important to their progress.

Encourage your child to write for a range of purposes: shopping lists, keep a diary, stories and comics.

Help your child to learn to read the time on both analogue and digital clock. Ensure that your child recognises the different coins and their values. Ask your child to show you the coins they need to buy an item and how much change they should receive from £1, £2, £5 & £10

Children in Year 5 need to know their times tables to 12x12 and the corresponding division facts. Times tables need to be practised a little each day. We will be using TTRockstars and would like children to play at home for at least 5 minutes everyday. We will be also completing a times table test every fortnight.

Please support your child to complete their weekly homework. This will be handed out on a Monday and to be handed in on a Friday.

Please follow us on twitter @y5silverbirchclass for more updates.

**English**

In English, we will be reading Henry’s Freedom box. The children will fully immerse themselves in this beautiful book, which is based on a true story. At the end of each unit the children will write their own diary entry and biography based on Henry Brown.

We will continue to learn and embed the Year 5 Spelling and Grammar objectives in our work.

To further improve our inference, deduction and comprehension skills we will be continuing with our Reading VIPERS through daily whole class guided reading sessions.

**Science**

Our first science topic of the year, is ‘Space’. By the end of our topic, the children will be able to:

1. describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
2. describe the movement of the Moon relative to the Earth.
3. describe the Sun, Earth and Moon as approximately spherical bodies.
4. use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.

The children will also reinforce their science knowledge through retrieval quizzes and through our whole class reading topic of Space.