

Sedlescombe Church of England Primary School
Topic Overview Year 6 - Term 4

TOMORROW'S WORLD



TRIPS AND EVENTS

- Web Designer Visit 28.02
- Animation workshop 02.03
- World Book Day 05.03
- Mother's Day Sale 20.03
- Parent's evening 23.03
- Parent's evening 25.03
- Parent's evening 01.04
- Easter Celebration 02.04 -9.15am
- End of Term 02.04– 2.30pm

RELIGIOUS EDUCATION

In RE our topic is 'What difference does the resurrection make to Christians?' We will be exploring the events surrounding Jesus's death and subsequent resurrection and just what these mean to Christians. We will also look at how these events are celebrated and remembered today.

PERSONAL, SOCIAL, HEALTH & ECONOMIC EDUCATION

In PSHE our topic focus is 'Healthy Me' and we will be looking at why being healthy as we head in to puberty is especially important and the different ways we can stay healthy. We will explore lots of ideas including diet, exercise and personal hygiene.

P.E. LESSONS

- The children need to have their PE kit in school every day, but it should be taken home each Friday so that it can be kept clean for lessons.
- Jewellery MUST be removed, so if your child has pierced ears they will need a small pot to put their earrings in to keep them safe.
- Long hair should be tied back for school, but MUST be tied back for P.E. Lessons so a spare hair band is useful.

THE BIG IDEA

Text messages, emails, websites, blogs and podcasts – there are so many ways to communicate. Learn how to set up a class blog and build a homepage on a subject of your choice. Suggest ways of improving your school website and hopefully the headteacher will listen to your ideas! Discover the movers and shakers in the world of technology – the people who've shaped the modern world. Perhaps you might be a visionary for the next generation. Build robots and circuits, break codes and investigate gadgets galore. Why not write a thriller narrative in the style of Anthony Horowitz? Then, on request from MI99, build a website for a new Spy School. What pages will it need? One for gadgets? A secret lunch menu? You decide! Let's start today on Tomorrow's World!

In Science we will be:

- Exploring optical fibres and understanding how they are able to transport information.
- Investigating how different circuits work and creating diagrams that reflect the circuits we create.
- Understanding how lasers work and manipulating objects to make a laser beam travel further.

In History we will:

- Researching the history of computing and identifying how we got to where we are in 2020.
- Exploring the original 'Tomorrow's world' and identifying how much technology has moved on in the last 40 years.

In Art we will be:

- Completing a brilliant animation workshop and developing our drawing skills.

In DT we will be:

- Understanding and exploring assistive technologies.
- Designing a programmable device with a purpose and a proposed market.

In Computing we will be:

- Exploring website design and preparing questions for our web designer who will be starting our topic off with expert knowledge.
- Exploring 'spoofer websites' and learning to understand how we can identify one.
- Looking at networks in everyday life and using those to understand how a computer network works.
- Understanding algorithms and writing one to create our own game.
- Developing different website building tools in preparation for our innovate challenge.

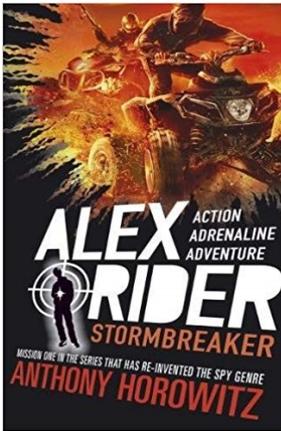
In PE we will be:

- Continuing with our fitness activities to keep our bodies and hearts healthy.
- Completing a variety of different team building and navigational activities within the school grounds.

In our Innovate Challenge we will be:

- Deciding as a class what we want our website to look like and what its purpose should be.
- Assigning different areas of website building to different groups considering the different skills we have.
- Assembling the different elements of our website and presenting to Mrs Harvey.

ENGLISH



In English, the children will be reading the fantastic action/adventure 'Stormbreaker'- one of my personal favourites. It is written by Anthony Horowitz who is a master of the mystery and adventure genre. Aside from reading this text, we will use it to take on a variety of mini writing projects: a newspaper article detailing a sudden and mysterious disappearance; an adventure/mystery story which will include plot twists and lots of action and a podcast which will be linked to the topic of our choice. As well as our writing projects, we will have regular 'independent challenges' which have proved popular with the children. These are mini tasks where the children are given limited guidance and can write to their own criteria.

MATHS

This term we will:

- Solve simple algebraic equations and make simple formulae.
- Convert between different units of measurement.
- Understand and calculate perimeter, area and volume.
- Understand ratios and solve a variety of ratio and proportion problems.
- Recap all of our learning so far.

CALCULATION METHODS

ADDITION	SUBTRACTION	MULTIPLICATION	DIVISION

CLASS ROUTINES:

HOMEWORK:

- Homework is important in every year group but it is especially important in Year 6 as this time next year we will be in Secondary school where we will have homework to complete almost every night!
- Each week, we will have a piece of homework from either our Maths or SPAG workbook. It will be set in class on a Thursday and we will highlight the pages we need to complete. It needs to be returned by the following Wednesday. If you have any problems, please ask for help on Tuesday.
- Times table rockstars and numbots— This really is the best way of learning tables and maths facts. I strongly recommend 5 minutes a day.
- Reading is still very important and we expect 4 reads a week. Please make sure your book is signed and in school every Friday.
- Spelling is a real focus for us as a class. You have your own spelling book and need to practise your spellings with an adult at least once a week.

COMMUNICATION:

- Please encourage your children to speak to me if they should have any concerns. I will be available at the end of school if you wish to speak to me directly.
- In the morning Mrs Harvey or another member of the Senior Leadership Team is available on the school gate if you have a message that you would like to have passed on to me.
- If there is a matter that you need to discuss with me in more detail please make an appointment to discuss this with me. This can be done by speaking to me at the end of the day to make an appointment or by speaking to Mrs. Hardes in the School Office.