



English

Maths

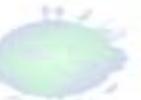
Science



KS3 Subjects and Topics Summer Term 2018

School Termly Themes: Wisdom and Creativity

Subject area	Topic Area/Learning intentions	How you can help me at home.
<p>English</p>   	<p>Year 7 – 7M Miss McAvoy. We will be continuing our work on scriptwriting during the first half term in preparation for submitting our entry into the Untold Tales competition. This will involve reading, writing and acting out existing and newly created scripts that focus on the local area.</p> <p>In the second half term we will focus on non-fiction writing once again, covering fact files and persuasive writing around the use of plastic and its effects on the environment.</p> <p>Year 8 – 8M - Mrs Redrup. Pupils will be reading the Michael Morpurgo novel “Kaspar Prince of Cats”. Students will read the novel each English lesson as a class and will write about the story in the form of a diary, letter and character study. This novel features some information about the Titanic. Pupils will also research information about Michael Morpurgo and write an account of his life.</p>	<p>Year 7</p> <p>7M - Miss McAvoy</p> <p>Read with me at home at least three times each week and ask me questions about what I am reading.</p> <p>Practice my spellings with me ready for my test each Tuesday.</p> <p>Talk to me about reading outside of a school environment. When might I need to read? Why is it important? Give me some reading based jobs like reading road signs, being in charge of the shopping list and choosing the TV programme based on the description.</p> <p>8M – Mrs Redrup. Research information about Michael Morpurgo and the Titanic.</p> <p>Write a diary entry about one day in your life.</p> <p>Write a letter to a friend.</p>



English
Continued

Year 8 – 8R - Mrs Redrup.

Research information about Michael Morpurgo.
Write a diary entry about one day in your life.
Write a book review of your current reading book so that you have summarised the plot.

Year 9 - 9H/9R Miss McAvoy and Mrs Simpson

In the first half term, we will be moving back to fiction where we will be studying stories from other cultures which raise issues and dilemmas. We will draw from a variety of story types, such as traditional tales, films and plays so that the learners can be exposed to a range of story types.

After half term we will return to non-fiction where we will be exploring persuasive writing. We will learn about writing adverts, letters and developing leaflets to engage and persuade the reader.

Year 8 - 8R – Mrs Redrup

Research information about Michael Morpurgo.
Write a diary entry about one day in your life.
Write a book review of your current reading book so that you have summarised the plot.

Year 9 - 9H/9R Miss McAvoy and Mrs Simpson

Read with me at home at least three times each week and ask me questions about what I am reading.

Practice my spellings with me ready for my test each Tuesday.
Talk to me about reading outside of a school environment. When might I need to read? Why is it important? Give me some reading based jobs like reading road signs, being in charge of the shopping list and choosing the TV programme based on the description.

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Maths

Year 7, 7M – Miss McAvoy

In the first few weeks after Easter we will revise time and properties of shape, before moving onto measure within the context of money. We will look at calculating with money and solving money problems across different operations so that we can be confident with money in different situations.

After half term, we will review multiplication and division, which we began in Spring and found quite challenging, by looking at how arrays can help us. Finally we will end the term with statistics and fractions where we will move into more abstract concepts.

Year 8 – Mrs Hitcham / Mr Craft We will be spending the term focussing on more ‘functional maths’. We will begin by revising some number skills whilst moving on to concentrate on telling the time and being able to count and calculate with money. After half term we will revisit some earlier work from the spring term relating to multiplication and division, moving on to look at working with fractions.

Year 9 – Mrs Hitcham / Mr McAvoy We will be spending the term focussing on more ‘functional maths’. We will begin by revising some number skills whilst moving on to concentrate on telling the time and being able to count and calculate with money.

After half term we will revisit some earlier work from the spring term relating to multiplication and division, moving on to look at working with fractions.

7M – Miss McAvoy

Help me practise my 2, 3, and 5 x table until I am confident enough to answer questions out of order.
Encourage me to access SUMDOG at home to boost my maths skills.
Talk to me about how I can use maths in everyday life – ask me to add up costs of items at the shops and double/halve amounts.

I could keep a dairy to help me understand what times of the day different regular activities happen, for example – what time is it when I wake up? What time do I leave to go to school? What time do I go to bed?
Ask me to recognise different coins and help me begin to be able to add them together.
When you go to the shops let me hand over the money and count it out with you.

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Science

Year 7M – Mrs Simpson Year 7 will be learning about electricity, learning how a simple circuit works using practical equipment. They will also be learning about living things and their habitats, looking at different species and why that live in certain environments.

Year 8R – Mrs Burton. To continue work on 'Solids, liquids and gases'. They will also be using a variety of separation techniques to separate a range of different mixtures involving solids and liquids.
Pupils will also be focusing on different gases and will complete a number of practical activities involving oxygen, carbon dioxide and hydrogen.

Year 8M – Mrs Burton To consolidate learning of microorganisms. To learn how decomposers work in decay and the conditions in which they work best.
To investigate how/why yeast causes bread to rise.
Pupils will also begin a 'Light' unit covering; how we see, shadows, reflection and refraction.
The children will learn how light travels and how this enables us to see objects.

Year 9 – Mrs Burton

Start topic on 'Forces'. Pupils will be learning and investigating aspects of the following:
Contact forces; pushes, pulls, friction, air resistance and water resistance.
Non-contact forces; magnetic attraction/repulsion and gravity.
To learn about the safety features in cars in relation to the speed at which they travel; airbags, seat belts, crumple zones.

For electricity it would be helpful at home if you could encourage your child to think about the things we use that are run by battery or electricity in the house and look at ways electricity is made on the internet.
With the warmer weather approaching, enjoy a nature walk in different places discussing what animals, even the insects, might be living there and what they eat and why.

Discuss how the separation methods of sieving, filtering, evaporating are used in everyday life i.e. draining rice, pasta, boiling the kettle.

Find objects around the home that reflect light easily.
Make lists of all the different light sources used in their home i.e. lamps, computer screen etc.

Describe everyday actions as using a push or a pull force i.e. pushing the lawn mower etc.
When riding a bike, walking, climbing the stairs to think about where friction is used. Is it helpful or a nuisance?

<p>Information Communication Technology [ICT]</p>	<p>Year 7, 7M – Miss McAvoy We are developing our knowledge of using Microsoft PowerPoint by designing promotional presentations for the Performing Arts 90's show. After this we will begin to look at coding and programming to prepare us for Year 8 and more in depth coding learning.</p> <p>Year 8 Mr Charlton We are developing our coding knowledge using different coding software that will allow us to create games to use on tablets, guide and manoeuvre robots and code programs to complete particular tasks.</p> <p>Year 9 Mr Charlton To use different computing technology at home and to think about how the technology works. To follow recipes and instructions to complete a desired outcome.</p>	<p>7m – Miss McAvoy</p> <p>Use google to search and find information that I can understand and learn from. At the moment, I can search but I struggle to find information that is relevant to me that I can read.</p> <p>Year 8 and 9</p> <p>Can I design a set of particular instructions that somebody else can understand and follow exactly to achieve the desired outcome?</p>
<p>Humanities - Geography & History</p>	<p>Year 7, 8 and 9</p> <p>We will be learning about the Rainforest, exploring different climates and looking at different species of animals that live there and how to help the rainforests from being destroyed.</p>	<p>Please help me at home by looking online at videos or information about the rainforest and looking at different countries on or near the equator</p>

Personal, Social and Health Education [PSHE]

Year 7/8: Miss Berry We are looking at how we keep ourselves safe. This will include looking at physical and emotional safety, road, rail, and fire and water safety as well as looking at how to keep safe when using the internet or mobile phone.

Year 9: Miss Berry Pupils will be exploring the unit 'Healthy Lifestyles'. This will include looking at healthy diet, physical wellbeing, sun protection and some basic first aid.

After half term all key stage 3 pupils will take part in the 'Send my friend to school' campaign, which this year looks to make schools, across the globe, a safe haven for children.

Discussing issues raised in lessons will further deepen understanding.

During conversation children should be encouraged to use appropriate eye contact, volume, and speak clearly without hesitation.

Send my friend to school website provides information about the campaign and can be found at <https://www.sendmyfriend.org/> Any additional reading or discussion around this theme would be beneficial for all pupils.

Design Technology [DT]

Year 7, 7M – Pewter Casting Jewellery/Key fob. Learning about Computer Aided Design. Think what shape or theme you would like to base your key fob/jewellery on.

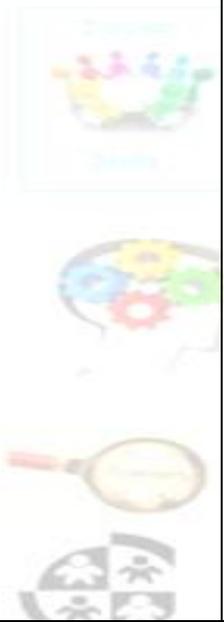
Year 8, 8R – Pewter Casting Jewellery. Learning about the casting process. Look for things that might be cast around you at home

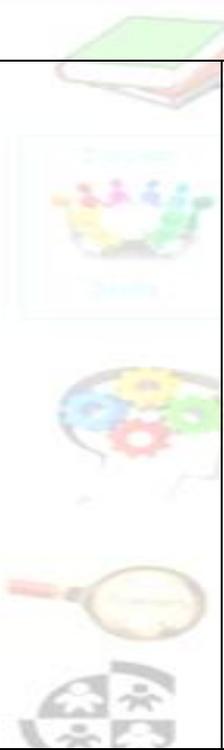
Year 8, 8M – Mechanical Toy. Learning about moving parts. Look for the meaning of: Linear, Reciprocate, Rotate, Oscillate.

Year 9 Water Wall. Learning about the power of water and moving parts Look for pictures of water walls

Please encourage pupils to sketch designs and investigate at home and in the world around.

Discuss the meaning of linear, reciprocation, rotation and oscillation. Get pupils to describe them building on learning at school.

<p>Food Technology [FT]</p> 	<p>Year 7 In the summer term we will be working towards a class picnic as our topic. We will think of tasty picnic foods that have different health benefits and over the weeks we will prepare them. Making good use of the freezer, we will then hold a summer picnic made up entirely of foods the pupils have created or prepared. This will also lead us to think about the seasonality of different foods.</p> <p>Year 8 The Eatwell guide will form the basis of all the practical sessions in year 8 this term. We will look at how to have a balanced diet and how to include essential vitamins and nutrients in our meals and snacks. We will think about how to increase our fruit and vegetable intake, and explore healthy wholemeal alternatives for snacks and lunches.</p> <p>Year 9 We will be mainly looking at the vegetarian diet this term. Pupils will learn about the reasons a person may be vegetarian and discover some recipes that don't contain meat. We will also look at other special diets such as vegan, gluten-free, and lactose free. This will increase pupils understanding of special diets and allow them to taste some alternatives.</p>	<p>Discuss foods that are in the freezer and why this might help.</p> <p>Point out seasonal vegetables when shopping or cooking.</p> <p>Discuss what vitamins and nutrients are and why it is important to eat fruit and vegetables.</p> <p>Prepare alternative snacks at home or practice some of the snacks made in school.</p> <p>Discuss different diets at home, for example Vegetarian, Vegan. Prepare a vegetarian dish using a recipe from school.</p>
<p>Art</p>	<p>Years 7,8 and 9 – Pupils are learning about POP ART and the art styles of Roy Lichtenstein and Andy Warhol.</p> <p>They are creating a piece of contemporary POP ART with their chosen theme and developing their fine motor skills with the use a of felt tip pens to apply evenly spaced and sixed dots.</p> <p>They will be concentrating on the control of a ruler for even and accurate lines on the art work.</p>	<p>Look at the style of POP ART and Warhol art work and encourage your child to discuss what they are learning in art.</p> <p>Perhaps you could create a picture together at home, practicing holding and using a ruler, and bring it into school to show me.</p> 

<p>Music</p> 	<p>Year 7: This term year 7 will have the opportunity to visit the Marina Theatre and watch a rehearsal of the Royal Philharmonic Orchestra. Our work this term will focus on the instruments and sections of the orchestra.</p> <p>Year 8, 8R: The first half of the term will be used to learn the line notes of the treble clef staff. The second half will be used to explore music in signals, sounds around us and how symbols can be used to make a music score.</p> <p>Year 8, 8M: The first half of the term will be used to learn the line notes of the treble clef staff. The second half will be used to explore sounds and use what we discover to compose simple pieces of music.</p> <p>Year 9, 9H/9R: The first half of the term will be used to learn the line notes of the treble clef staff. The second half will be used to continue looking at the history of music.</p>	<p>If possible use the internet or books from a library to look at the variety of instruments that are used in an orchestra.</p> <p>Look for words containing only the letters EGBD, these are the four line notes and we use words to help us learn them. Listen to sounds around us e.g. Ring tones, alarms, doorbell chimes.</p> <p>Look for words containing only the letters EGBD, these are the four line notes and we use words to help us learn them. Explore making sounds with different objects e.g. Tapping table tops, saucepans, and plastic bottles. Make shakers using plastic bottles with different items inside e.g. Pasta, rice.</p> <p>Look for words containing only the letters EGBD, these are the four line notes and we use words to help us learn them. Use the internet if possible to explore different musical eras. Look for different composers in books from a library.</p>
<p>Performing Arts</p>	<p>There are dance, Drama, Music & performance groups for all KS3. Working towards a Summer showcase and performance which will be performed to the school and parents.</p>	<p>Help me to learn my words for the 90's show and practise speaking/singing loudly ready for the performances in July.</p>
<p>Beliefs and Values</p>	<p>Years 7,8 and 9</p> <p>Pupils will be learning about the religion of Sikhism. They will learn about customs and traditions as well as Sikh beliefs and their way of life.</p>	<p>Discuss at home what your child has been learning – how does Sikhism differ from Christianity?</p> <p>There are lots of animated stories about Guru Nanak and information on the progression of Sikhism available on the internet, and knowing about this journey will help to consolidate their knowledge of the religion.</p>

PE

Years 7,8 and 9

Pupils will be improving their striking and fielding skills and knowledge of rounders/cricket rules and gameplay. Furthermore, pupils will take part in sprinting, middle distance, long jump, adapted shot putt, turbo javelin and relay activities. Mr Deacon will be selecting some pupils for the school athletics team for the annual event at the UEA.

Play striking and fielding games (rounders, cricket etc.) at home, in the park or on the beach. Complete simple athletics activities that incorporate jumping, sprinting, running or throwing. Join a community sports club during the summer holidays or take part in the Sports on the Beach activities run by Sentinel (Claremont Pier).



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