

Home Learning Long Term Curriculum Planning - School Year 2020 - 2021

Class: 4

Year Groups: 5 & 6

Teacher: Mrs Bryson

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>Y6- Living Things & Habitats</p> <ul style="list-style-type: none"> * Classifying Conundrums * Linnaean System * Curious Creatures * Microorganisms * More about Microorganisms * Field Guide 	<p>Y6-Animals including Humans</p> <ul style="list-style-type: none"> * The Circulatory System: Parts * The Circulatory System: Function * Transporting Water and Nutrients * Healthy Lifestyle * Exercise Investigation * Impact of Drugs and Alcohol <p>https://classroom.thenational.academy/units/diet-and-lifestyle-f893 (Oak Academy – Diet and Lifestyle. 6 lessons)</p> <p>Lessons 5 + 6 cover medicinal drugs, nicotine and alcohol. If these are sensitive topics for your child then please make sure that they are adequately supervised.</p> <p>https://www.bbc.co.uk/bitesize/articles/zr48r2p (BBC – The Human Body-clips and activities)</p>	<p>Y6-Evolution and Inheritance</p> <ul style="list-style-type: none"> * Inheritance * Adaptation * Theory of Evolution * Evidence for Evolution * Adaptation, Evolution and Human Evolution <p>https://classroom.thenational.academy/units/humans-and-animals-over-time-db18 (Oak Academy – Human and Animals over time. 6 lessons)</p>	<p>Y6-Scientists and Inventors</p> <ul style="list-style-type: none"> * Stephen Hawking * Libbie Hyman * The DNA Race * Alexander Fleming * Mary Leakey * Steve Jobs <p>https://www.bbc.co.uk/teach/class-clips-video/ks2-absolute-genius/zhcx47h (BBC Dick and Dom explore inventors and scientists in history)</p> <p>https://classroom.thenational.academy/units/history-of-science-cfd6 (Oak Academy – History of Science. 6 lessons)</p>	<p>Y5-Friction</p> <ul style="list-style-type: none"> * Balanced and Unbalanced Forces * Gravity * Air Resistance * Water Resistance * Friction * Marvellous mechanisms <p>https://classroom.thenational.academy/units/forces-717d (Oak Academy – Forces. 6 lessons)</p> <p>https://www.bbc.co.uk/bitesize/articles/z22t7yc (BBC – Forces. Clips and activities)</p>	<p>Y6- Light</p> <ul style="list-style-type: none"> * How we see * Reflecting Light * Refraction * Spectacular Spectrum * Seeing Colours * Shadow Theatre <p>https://classroom.thenational.academy/units/light-6f3a (Oak Academy – Light. 6 lessons)</p> <p>https://www.bbc.co.uk/bitesize/articles/zb27kty (BBC Light – clips and activities)</p>
Art	<p>Drawing</p> <p>https://www.accessart.org.uk/drawingsmall/ (Watch the clip and practise drawing small)</p> <p>Sketch Book Work</p>	<p>Painting</p> <p>https://www.tate.org.uk/kids (Tate Gallery Site. Make, Games + Quizzes, Explore)</p> <p>https://www.bbc.co.uk/teach/class-clips-video/art-and-design-ks2-your-paintings/zjbxdbm (BBC Clips - An adventure inside some of the most exciting paintings held in British collections today)</p>	<p>Collage</p> <p>Sketch Book Work</p>			
Design Technology	<p>Cooking & Nutrition</p>	<p>Textiles</p>	<p>Electrical and Mechanical Components</p>			
History	<p>Our Ancient World</p>	<p>Britain's Story</p>	<p>World History</p>			

<p>http://www.durhamrecordoffice.org.uk/homelearning (Adult help will be needed to navigate site. Durham County Record Office has home learning packs)</p>	<p>Why did the Ancient Egyptians build pyramids?</p> <ul style="list-style-type: none"> * Where and when did people start to build towns and cities? * What do we already know about the Ancient Egyptians? * How do we know so much about the Ancient Egyptians? * Why did the Egyptians build pyramids? * What was the most important item in a pyramid? * What did Howard Carter find? <p>https://www.bbc.co.uk/bitesize/articles/zfmwcmn (BBC clips and activities to provide information about Ancient Egypt and everyday life in Ancient Egypt)</p> <p>https://www.bbc.co.uk/bitesize/clips/zvqc87h (BBC clip inside Tutankhamun's tomb)</p> <p>https://www.bbc.co.uk/newsround/27201444 (Newsround clip about a possible replica of Tutankhamun's tomb 2014)</p>	<p>Anglo Saxons- What happened to Briton after the Romans left?</p> <ul style="list-style-type: none"> * Why did the Romans leave Britain and what happened next? * Who invaded Britain when the Romans left? * Who was in charge in Anglo Saxon England? * Was life hard on an Anglo Saxon farm? Jobs, houses, women and children * What did the Anglo Saxons believe? * Who were the Anglo Saxons' enemies? <p>https://classroom.thenational.academy/units/roman-britain-9a0e</p> <p>(Oak Academy - 10 lessons that will provide information about Boudicca / Julius Cesar / Roman beliefs)</p> <p>https://www.bbc.co.uk/bitesize/articles/zccgsk7 (BBC clips and activities – understanding the Roman Empire and Everyday life in Roman Britain)</p>	<p>What can we discover about the Mayans?</p> <ul style="list-style-type: none"> *Who has shaped our world's history? * Who was making history around the world in the year 1000? *Who were the Mayans? *Who were the Mayans? Following up the pu Destinacion Chiten Itzi – what can we find out from the famous Maya city? pupils' questions. *How similar were the Maya and the Anglo Saxons? *Why did the Mayans vanish? Time to convince Indiana Jones! *What happened after the Mayan civilisation 'disappeared'? <p>https://www.bbc.co.uk/bitesize/articles/zvynm39 (BBC clips and activities – Intro to Mayan civilisation / Everyday life in Mayan civilisation)</p>
<p>Geography</p>	<p>UK Geography</p> <p>We've got it all! Why is the North East special?</p> <ul style="list-style-type: none"> * What does the North East look like on a map? * What is made in the North East of England? * What do we need water for and where does it come from –the water cycle * Where do the rivers of the North East start and finish? * What do we see on a river's journey to the sea? * What can we find out at our local river? Ideas for a fieldwork visit to a local river. <p>https://classroom.thenational.academy/units/water-weather-and-climate-4454 (Oak Academy – Water, Weather and Climate – 6 lessons. Lesson 1 includes Water Cycle)</p> <p>https://www.bbc.co.uk/bitesize/clips/z8qtfq8 (BBC Clip – Water Cycle)</p> <p>https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-the-water-cycle/zbcmxyc (BBC Clip – Water Cycle)</p> <p>https://www.bbc.co.uk/bitesize/clips/zb39jxs</p>	<p>European Geography</p> <p>Why does Italy shake and roar?</p> <ul style="list-style-type: none"> * Where in the world is Italy? * What is Italy like? * Is the boot the same all over? * Why does Italy shake and roar? * What happens when Vesuvius erupts? * Why does Italy shake? Earthquakes * How are the UK and Italy similar? <p>https://classroom.thenational.academy/units/mountains-volcanoes-and-earthquakes-e02a (Oak Academy Mountains, Volcanoes and Earthquakes. 6 lessons)</p> <p>https://www.bbc.co.uk/bitesize/clips/zprs34j (BBC clip about Rome)</p> <p>https://www.bbc.co.uk/bitesize/articles/z62xwnb (BBC Home Learning – Physical Geography – Volcanoes)</p> <p>https://www.bbc.co.uk/bitesize/articles/zxm6jsg (BBC Home Learning – Physical Geography Earthquakes)</p>	<p>World Geography</p> <p>Fantastic Forests</p> <p>(World biomes and climate zones)</p> <ul style="list-style-type: none"> *Can you find the connection and find the location? *Where are the world's great forests? *What forest and woodlands do we have in the UK? *What can we find in our local forest/ woodland? (Fieldwork opportunity) *What do forests do? *Why is the Amazon Rainforest so important? *Why are forests in danger? *How can we protect our forests in the UK? <p>https://classroom.thenational.academy/units/biomes-bd47 (Oak Academy – Biomes / Ecosystems. 10 lessons)</p> <p>https://www.bbc.co.uk/bitesize/articles/zhpssxbk (BBC clips and activities world biomes and climate)</p> <p>https://www.bbc.co.uk/bitesize/clips/zfp34wx (BBC clip Amazon Rainforest – threats to the rainforest)</p>

	<p>(BBC Clip Rivers and Water Cycle)</p> <p>https://www.bbc.co.uk/bitesize/articles/zvwytrd (BBC clips and activities to recap the UK physical and human geography)</p>		<p>https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-the-impact-deforestation-has-on-plants/zd34hbk (BBC clip – impact of deforestation)</p> <p>https://www.bbc.co.uk/bitesize/articles/z2dj4xs (BBC clips + activities – Human Geography - sustainability)</p>
Possible Visits	<p>Kingswood residential Theatre Royal for Pantomime Walk to the River Browney</p>	<p>Durham Cathedral Bede's World??</p> <p>https://www.durhamcathedral.co.uk/learning/online-resources (Go to the story of St Cuthbert KS1 and then there's a link to You Tube for the story of St Cuthbert. Find out why his story is so closely linked to Durham Cathedral)</p>	<p>London-Y6 Hamsterly Forest</p>
Music	<p>Performing Pimlico Music Company https://classroom.thenational.academy/units/pulse-and-metre-583c (Oak Academy – Pulse + Metre 6 lessons)</p> <p>https://classroom.thenational.academy/units/timbre-ac27 (Oak Academy – Timbre – 6 lessons)</p>	<p>Composing (incl notation) Performing Pimlico Music Company</p> <p>https://classroom.thenational.academy/units/rhythm-f182 (Oak Academy. Rhythm 6 lessons)</p> <p>Oak Academy Pitch + Structure lessons – Coming Soon. Not available October 2020</p>	<p>Appraising Performing Pimlico Music Company</p>
Computing	<p>Computer Science - Espresso Coding Digital Literacy – Finding My Media Balance What is Cyberbullying? IT – Dance Mat Typing make a blog use webcams to take selfies and then manipulate</p> <p>https://online.espresso.co.uk/espresso/login/Authn/UserPassword (Espresso Coding. There are lessons for each year group. Ask your child's teacher for the username and password for your child)</p> <p>https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr (BBC Dance Mat typing – a fun way to improve touch typing skills)</p> <p>https://www.i2e.com/danny/homej2enew/</p>	<p>Computer Science – J2e coding Digital Literacy – Digital Friendships You Won't Believe This! IT – Dance Mat Typing To make a movie using Spotlight Use J2 Data to make graphs and tables</p> <p>https://online.espresso.co.uk/espresso/login/Authn/UserPassword (Espresso Coding. There are lessons for each year group. Ask your child's teacher for the username and password for your child)</p> <p>https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr (BBC Dance Mat typing – a fun way to improve touch typing skills)</p> <p>https://www.i2e.com/danny/homej2enew/ (Website to practise using Word, Excel etc as well as coding. Contact your child's teacher for their log in and specific activities to work through)</p>	<p>Computer Science - J2e coding Digital Literacy – Reading News Online Beyond Gender Stereotypes IT – Dance Mat Typing Present research using shared presentation on Google slides use an excel spreadsheet to plan a school residential.</p> <p>https://online.espresso.co.uk/espresso/login/Authn/UserPassword (Espresso Coding. There are lessons for each year group. Ask your child's teacher for the username and password for your child)</p> <p>https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr (BBC Dance Mat typing – a fun way to improve touch typing skills)</p> <p>https://www.i2e.com/danny/homej2enew/</p>

	(Website to practise using Word, Excel etc as well as coding. Contact your child's teacher for their log in and specific activities to work through)				(Website to practise using Word, Excel etc as well as coding. Contact your child's teacher for their log in and specific activities to work through)	
RE Year 6	<p><u>Belief into action</u></p> <p>Key Question: What is the best way for a Muslim to show commitment to God?</p> <p>Do religious people lead better lives?</p> <p>Do all religious beliefs influence people to behave well towards each other?</p> <p>Islam https://classroom.thenational.academy/units/islam-f461 (Oak Academy – Islam Lessons 1- 6)</p> <p>https://www.bbc.co.uk/teach/class-clips-video/religious-studies-ks2-my-life-my-religion-islam/znm47h (BBC – My Life, My Religion, Islam. A series of short films in which 12-year-old Kaisan and Naeem and 11-year-old Sara explain the traditions and beliefs of their Muslim faith.</p>	<p><u>Christmas</u> Concept: Incarnation</p> <p>Key Question: How significant is it that Mary was Jesus' mother?</p> <p>Do sacred texts have to be 'true' to help people understand their religion?</p> <p>Christianity</p> <p>https://classroom.thenational.academy/lessons/what-is-the-sacred-text-of-christianity-c8r6cd (Oak Academy Sacred Text – Bible. Lesson 4 in the series)</p>	<p><u>Beliefs and moral values</u></p> <p>Key Question: Is anything ever eternal?</p> <p>Should religious people be sad when someone dies?</p> <p>Christianity</p>	<p><u>Easter</u> Concept: Salvation</p> <p>Key Question: Is Christianity still a strong religion 2000 years after Jesus was on earth?</p> <p>Does participation in worship help people to feel closer to God and their faith community?</p> <p>Christianity</p> <p>https://classroom.thenational.academy/lessons/what-are-the-christian-celebrations-cnjk0d (Oak Academy – Christian Celebrations. Lesson 6 in the series)</p>	<p><u>Prayer and Worship</u></p> <p>Key Question: Does belief in Akhirah (life after death) help Muslims lead good lives?</p> <p>Do religious people lead better lives?</p> <p>Do all religious beliefs influence people to behave well towards each other?</p> <p>Islam https://classroom.thenational.academy/units/islam-f461 (Oak Academy – Islam Lessons 1- 6)</p> <p>https://www.bbc.co.uk/teach/class-clips-video/religious-studies-ks2-my-life-my-religion-islam/znm47h (BBC – My Life, My Religion, Islam. A series of short films in which 12-year-old Kaisan and Naeem and 11-year-old Sara explain the traditions and beliefs of their Muslim faith.</p>	<p><u>Beliefs and Practices</u></p> <p>Key Question: How did Jesus create a new Covenant and what does that mean to Christians today?</p> <p>Christianity</p>
French	<p><u>Getting to Know You</u></p> <p>*Look What I can Do! *When I Grow Up... *How Do You Spell That? *How Are You Feeling? *What am I Going to Do? *Je Me Presente</p> <p>https://www.bbc.co.uk/teach/class-clips-video/french-ks2-</p>	<p><u>All About Ourselves</u></p> <p>*The Body *What Do I Look Like? *What are You Doing? *Fashion *How are You feeling Today? *What's the Matter?</p> <p>https://www.bbc.co.uk/teach/class-clips-video/french-ks2-</p>	<p><u>That's Tasty</u></p> <p>*I'm Thirsty *Open and Closed *Breakfast *Sandwiches *I Like to Eat *Pizzas</p> <p>https://www.youtube.com/watch?v=hWpcs8-8IHs</p>	<p><u>Family and Friends</u></p> <p>*Meet the family *At the farm * I Live in a... *In My House *Do You Like Animals ? *What Can I Say ?</p>	<p><u>School Life</u></p> <p>*Where are they in the Classroom? *Where are the Objects? *School Subjects *Maths Lesson *Asking Questions *Asking Questions</p> <p>https://www.youtube.com/watch?v=xRsr6wOlhgg</p>	<p><u>Time Travelling</u></p> <p>*Count with Me *I'm 500 Years old! *French History *What Year Was It? *I was Born... *Famous lives</p>

	<p>how-to-introduce-yourself/zf84d6f (BBC clips – introducing yourself)</p> <p>https://www.bbc.co.uk/teach/upermovers/ks1--ks2-mfl-french-greetings-with-ben-shires/zdpdvk7 (BBC Super Movers – French Greetings. Everton trio Morgan Schneiderlin, Kurt Zouma and Lucas Digne are on hand to help Ben Shires teach pupils all about French greetings)</p>	<p>masculine-and-feminine-body-parts/zn84d6f (BBC Clip – French body parts song le or la)</p> <p>https://www.bbc.co.uk/teach/lass-clips-video/french-ks2-clothes-and-colours/zkhxpg8 (BBC clip Colours and clothes song)</p>	<p>(You Tube clip – café foods in french)</p> <p>https://www.youtube.com/watch?v=SzDp5TvtTDU (You Tube clip – vegetables in French)</p> <p>https://www.bbc.co.uk/teach/lass-clips-video/french-ks2-shopping-for-food/z7ynvk7 (BBC clip – shopping for food in French supermarket – pizza toppings)</p>		<p>(You Tube Clip – Classroom Objects in French)</p> <p>https://www.youtube.com/watch?v=dzEPv-Zc3eg (You Tube Clip – School bag items in French)</p>	
PSHCE	<p><u>Being me in my World</u> *My Year Ahead *Being a global citizen 1 *being a global citizen 2 *The Learning Charter *The Learning Charter *Owning our Learning Charter</p>	<p><u>Celebrating Differences</u> *Am I normal? *Understanding disability *Power struggles *Why Bully? *Celebrating differences *Celebrating difference</p>	<p><u>Dreams and Goals</u> *Personal learning goals *Steps to succeed *My Dream for the world *Helping to make a difference *Helping to make a difference *Celebrating our achievements</p> <p>https://classroom.thenational.academy/units/all-around-me-cd61 (Oak Academy – All Around Me. Roles / Responsibilities / Basic Human Rights/ Rights of Children) 7 lessons</p>	<p><u>Healthy Me</u> * Food * Drugs * Alcohol * Emergency Aid * Emotional and mental health *Managing stress</p> <p>https://classroom.thenational.academy/units/eat-well-live-well-7109 (Oak Academy KS2 -Eat well, live well! Lessons 1- 4)</p>	<p><u>Relationships</u> * My relationship web * Love and loss 1 * Love and loss 2 * Power and control * Being safe with technology 1 * Being safe with technology 2</p>	<p><u>Changing Me</u> *</p>
PE	<p><u>Team Games</u> *Bench ball *Dodgeball *Tag Rugby *Danish Long Ball https://www.bbc.co.uk/teach/upermovers (BBC clips using movement and linked to different areas of the curriculum) https://www.youtube.com/watch?v=Rz0go1pTda8 Joe Wickes. Previous lessons can be found in playlist. 30 minute workouts.</p>	<p><u>Gymnastics</u> *Rolls, jumps and balance skills based. *Key Steps Routine.</p> <p><u>Dance</u> *Freestyle, hip hop.</p> <p>https://www.bbc.co.uk/teach/upermovers (BBC clips using movement and linked to different areas of the curriculum) https://www.youtube.com/watch?v=Rz0go1pTda8 Joe Wickes. Previous lessons can be found in playlist. 30 minute workouts.</p>	<p><u>Net and Target Games</u> *Football *Netball *Basketball *New Age Kurling</p> <p>https://www.bbc.co.uk/teach/upermovers (BBC clips using movement and linked to different areas of the curriculum) https://www.youtube.com/watch?v=Rz0go1pTda8 Joe Wickes. Previous lessons can be found in playlist. 30 minute workouts.</p>	<p><u>Striking and fielding</u> *Cricket *Tennis *Hockey or *Possible Golf.</p> <p>https://www.bbc.co.uk/teach/upermovers (BBC clips using movement and linked to different areas of the curriculum) https://www.youtube.com/watch?v=Rz0go1pTda8 Joe Wickes. Previous lessons can be found in playlist. 30 minute workouts.</p>	<p><u>Lifestyle and exercise.</u> *Healthy eating *Body exercises *The importance of exercises. *Food Swap</p> <p>https://www.bbc.co.uk/teach/upermovers (BBC clips using movement and linked to different areas of the curriculum) https://www.youtube.com/watch?v=Rz0go1pTda8</p>	<p><u>Athletics</u> *Throwing (Javelin and Shot Put) *Jumping *Long jump, high jump and *Speed bounce *Running *Cooper run (12 minutes) *100m and 200m sprints. Hurdles *Sports Day practise</p> <p>https://www.bbc.co.uk/teach/upermovers (BBC clips using movement and linked to different areas of the curriculum)</p>

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