

Class 3 Half-Term Plan

Spring Term: First half.

Topics: The Golden Age of Islam. Inventors and Inventions

Whole Class Texts: The Diary of Anne. Frank Bill's New Frock

Jan-Apr	Literacy	Maths	Science	Art/ D & T	History/ Geography	PE	Music	French	RE/PSHE	Computing
Week 1 Jan 4th 2022	<p>How to Invent – Beyond the Rubik's Cube</p> <p>Elicitation – Create an information leaflet about the school</p> <p>Learning about the text: Young Inventor's Portfolio</p> <p>Create a timeline</p> <p>Louis Braille</p> <p>Layout, organisation and Structure.</p> <p>Grammar: verbs</p> <p>Decision</p> <p>Spelling: Year 3/4 spelling list</p> <p>Oak Academy - Writing sequence https://classroom.thenational.academy/units/important-scientists-biographical-writing-f64b</p>	<p>Fractions</p> <p>Conceptualising fractions - NM</p> <p>Negative numbers – HJ</p> <p>Year 3 Oak Academy https://classroom.thenational.academy/units/fractions-ed51</p> <p>Lessons 1-5</p> <p>Year 4 Oak Academy https://classroom.thenational.academy/units/fractions-0678</p> <p>Lesson 1-5</p>	<p>Forces and Magnets</p> <p>Famous scientists</p> <p>To understand who Isaac Newton was and what he was famous for. https://classroom.thenational.academy/lessons/what-are-non-contact-forces-6grk4d</p>	<p>Insects</p> <p>I can draw an insect. https://classroom.thenational.academy/units/drawing-c92d</p> <p>I can investigate mechanical systems. https://classroom.thenational.academy/lessons/understanding-how-a-range-of-mechanisms-create-movement-chh32r</p>	<p>History: Ancient Islamic Civilisation Baghdad 900AD: The Golden Age</p> <p>Geography: Locate and discuss Baghdad (round city) Google Earth and Atlases</p> <p>The Importance of Baghdad</p>	<p>Invasion Games - Hockey</p> <p>Passing and Receiving</p> <p>Weekly Yoga practice</p>	<p>Violins</p> <p>Swing music: Learn to sing and play</p> <p>Everybody wants to be a cat</p> <p>Introduce and listen to Swing Time music</p> <p>Learn to sing Hey Mr Miller</p>	<p>All About me</p> <p>Colours</p> <p>Oak Academy: https://classroom.thenational.academy/units/table-1da9</p>	<p>RE</p> <p>I understand the 5 pillars of Islam.</p> <p>https://classroom.thenational.academy/lessons/how-did-the-religion-of-islam-begin-74vk2r</p> <p>PSHE</p> <p>Keeping Myself Safe</p> <p>Danger, risk or hazard?</p>	<p>Programming turtle logo</p> <p>I can create and debug an algorithm using the move, rotate and repeat commands.</p> <ul style="list-style-type: none"> • Desktop Computer or Laptop Scratch application (installed or online) 6. Pens See above. Using Scratch <p>Oak Academy https://classroom.thenational.academy/lessons/introducing-variables-71k68d</p>
Week 2 Jan 10 th	<p>How to Invent – Beyond the Rubik's Cube</p> <p>Practise Writing: Choose an invention or inventor. Link to homework project.</p>	<p>Fractions</p> <p>Finding fractions of amount - NM</p> <p>Fractions – HJ</p> <p>Year 3 Oak Academy https://classroom.thenational.academy/units/what-are-magnets-cv7kee</p>	<p>To understand that forces are pushes and pulls. To conduct a comparative test. https://classroom.thenational.academy/lessons/what-are-linkages</p>	<p>I can add colour to a sketch. (Oil pastel & crayon.)</p> <p>I can makemechanical systems that use levers and linkages. https://classroom.thenational.academy/units/what-are-linkages</p>	<p>History</p> <p>The House of Wisdom.</p>	<p>Moving with the Ball</p>	<p>Learn to sing I Wanna Sing Scat</p>	<p>Food glorious food</p> <p>The Very Greedy Dog</p>	<p>RE-What does chapter 1 of the Quran tell Muslims about what God</p> <p>https://classroom.thenational.academy/lessons/what-do-muslims-believe-cn3je</p>	<p>I can create and debug algorithms using penup and pendown.</p> <p>https://classroom.thenational.academy/lessons/variables-in-</p>

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	<p>Grammar: Compound nouns</p> <p>Decision Spelling: Long o</p> <p>Oak Academy - Writing sequence https://classroom.thenational.academy/units/important-scientists-biographical-writing-f64b</p>	<p>emy/units/fractions-ed51 Lessons 6-10</p> <p>Year 4 Oak Academy https://classroom.thenational.academy/units/fractions-0678</p>		<p>emy/lessons/developing-understanding-of-different-mechanisms-and-how-to-make-them-60r6ac</p>					<p>PSHE Picture Wise</p>	<p>programming-cmtpad</p>
<p>Week 3 Jan 17th</p>	<p>How to Invent – Beyond the Rubik's Cube</p> <p>Write about invention Grammar: simple, compound and complex sentences. Conjunctions Decision Spelling: Long o.</p> <p>Grammar: Long u</p> <p>Oak Academy - Writing sequence https://classroom.thenational.academy/units/important-scientists-biographical-writing-f64b</p>	<p>Fractions</p> <p>Equivalent fractions – NM</p> <p>Fraction – HJ</p> <p>Year 3 Oak Academy https://classroom.thenational.academy/units/fractions-ed51 Lesson 10-15</p> <p>Year 4 Oak Academy https://classroom.thenational.academy/units/fractions-0678 6-10</p>	<p>To explore forces and discover that gravity and magnetism can act without contact</p> <p>https://classroom.thenational.academy/lessons/how-does-a-compass-work-6rr30d</p>	<p>I can design a mosaic. I can tell you about the artisty Louise Bourgeois.</p> <p>I can develop design criteria to help me design an innovative design.</p> <p>https://classroom.thenational.academy/lessons/to-design-a-product-criteria-meeting-the-needs-of-the-user-6nk36t</p>	<p>Find about some of the inventions at the time and how they still impact today</p> <p>(1001 Inventions)</p> <p>Invention of Algorithms Al-Khawarizmi</p>	<p>Getting past a Player</p>	<p>Introduce Violins. How to hold and anatomy of a violin.</p> <p>Know the 4 violin strings</p> <p>GDAE</p>	<p>Please May I Have?</p> <p>REI can understand why Muslims pray. https://classroom.thenational.academy/lessons/what-are-the-five-pillars-of-islam-70t6cd</p> <p>PSHE How dare you!</p>	<p>I can create and debug algorithms that draw regular polygons.</p> <p>https://classroom.thenational.academy/lessons/improving-a-game-70wkcd</p>	
<p>Week 4 Jan 24th</p>	<p>Fantastically Great Women that Changed the World Elicitation:</p> <p>Write a short text about a famous</p>	<p>Addition and subtraction</p> <p>Mental addition and subtraction</p>	<p>To answer questions by testing and sorting using magnets.</p> <p>https://classroom.thenational.academy/lessons/how</p>	<p>I can make a puppet.</p> <p>I can use prototypes to develop my ideas.</p>	<p>Discovery and Learning</p>	<p>Tackling</p>	<p>Violins: Plucking - learn A B C on the A string</p>	<p>Preferences</p> <p>RE-I understand why the Mosque is important to Muslim communities. https://classroom.thenational.academy/lessons/desi</p>	<p>To create and debug algorithms that draw shapes.</p> <p>https://classroom.thenational.academy/lessons/desi</p>	

	<p>person using a clip.</p> <p>Immersion in text: Gertrude Ederle Coco Chanel Mary Anning Agent Fifi Sacagawea</p> <p>Grammar: Subordinating Conjunctions</p> <p>Decision spelling: Prefixes – dis, mis, un</p> <p>Oak Academy: Writing sequence https://classroom.thenational.academy/units/inspirational-figures-biographical-writing-5739</p>	<p>Year 3 Oak Academy lesson 1-5 https://classroom.thenational.academy/units/addition-and-subtraction-48c0</p> <p>Year 4 Oak Academy: lesson 1-5 https://classroom.thenational.academy/units/addition-and-subtraction-ec16 13,14,15, 17, 18</p>	<p>-can-we-see-a-magnetic-field-60rk8c</p>	<p>https://classroom.thenational.academy/lessons/using-a-range-of-techniques-to-create-a-prototype-of-developing-ideas-6hh66c</p>					<p>ademy/lessons/what-is-the-holy-book-of-islam-cmyk0d</p> <p>PSHE Medicines: Check the label</p>	<p>gning-a-game-64tpae</p>
<p>Week 5 Jan 31st</p>	<p>Fantastically Great Women that Changed the World</p> <p>Practising writing: Research a famous person and write facts using adverbials and expanded noun phrases</p> <p>Grammar: Inverted Commas</p> <p>Decision Spelling: Prefixes – dis, mis, un</p> <p>Oak Academy: Writing sequence</p>	<p>Addition & Subtraction</p> <p>3 digit +/- 1 digit numbers</p> <p>Year 3 Oak Academy lesson 6, 9, 10, 11, 12 https://classroom.thenational.academy/units/addition-and-subtraction-48c0</p> <p>Year 4 Oak Academy: lesson 5-10 https://classroom.thenational.academy/units/addition-and-subtraction-ec16</p>	<p>To explain how magnets behave towards each other and develop theories. https://classroom.thenational.academy/lessons/how-can-we-tell-if-a-material-is-magnetic-or-not-cmtpar</p>	<p>I can make a 3D model.</p> <p>I can select and use the correct tools and equipment accurately. https://classroom.thenational.academy/lessons/developing-design-ideas-further-using-understanding-of-mechanisms-71k3cr</p>	<p>Achievements of Early Islamic Civilisation</p> <p>Trade and Power</p>	<p>Hitting and Shooting</p>	<p>Listen to and learn to sing 'Everybody wants to be cat'</p>	<p>What Colour Is It?</p>	<p>RE-I understand the significance of Ramadan and Eid to Muslims. https://classroom.thenational.academy/lessons/where-do-muslims-worship-6dgp6d</p> <p>PSHE Know the norms</p>	<p>To create and debug algorithms that draw regular polygons.</p> <p>https://classroom.thenational.academy/lessons/design-to-code-74u3cd</p>

	https://classroom.thenational.academy/units/inspirational-figures-biographical-writing-5739									
Week 6 Feb 7 th	<p>Fantastically Great Women that Changed the World</p> <p>Write a biography of a famous person. Grammar: Assess and Review</p> <p>Decision Spelling: shur/chur</p> <p>Oak Academy: Writing sequence https://classroom.thenational.academy/units/inspirational-figures-biographical-writing-5739</p>	<p>Measures Length & Data – NM</p> <p>Oak Academy https://classroom.thenational.academy/units/length-and-perimeter-623a</p> <p>Weight & Data – HJ Oak Academy https://classroom.thenational.academy/units/measures-86db</p>	<p>To revise knowledge of attraction and repulsion between magnetic poles.</p> <p>https://classroom.thenational.academy/lessons/what-are-some-uses-of-magnetic-materials-60u64r</p>	<p>I can tell you about the artist Jennifer Angus.</p> <p>I can carefully select materials and use different techniques.</p> <p>https://classroom.thenational.academy/lessons/planning-the-creation-of-your-final-idea-64tk2d</p>	Islamic Art	Using your Skills	Learnt to pluck A B C following numbered notation	What does he eat?	<p>RE- I understand what happens in a Muslim household during Eid. https://classroom.thenational.academy/lessons/what-are-the-festivals-of-islam-70u36r</p> <p>PSHE Keeping ourselves safe</p>	To create and debug algorithms that draw regular polygons. https://classroom.thenational.academy/lessons/improving-and-refining-6rtkcc
Week 7 Feb 14 th	<p>Decision Spelling: shur/chur</p> <p>Oak Academy: Writing sequence https://classroom.thenational.academy/units/inspirational-figures-biographical-writing-5739</p>	<p>Decimals & money</p> <p>x and ÷ with money and 1- place decimals - NM</p> <p>Decimals and money on a line - HJ</p> <p>Oak Academy https://classroom.thenational.academy/units/decimals-8526 Lessons 1-5</p>	To devise a quiz to test knowledge.	I can finish a 3D model. https://classroom.thenational.academy/lessons/using-a-range-of-techniques-to-begin-to-make-our-final-idea-cgr36t			Practise following numbered notation on the violin alongside listening to 'Everybody wants to be a cat'	I'm Hungry	<p>RE-I understand the importance of living harmoniously. https://classroom.thenational.academy/lessons/how-do-muslims-express-their-faith-6ngk2c</p> <p>PSHE Raisin Challenge (2)</p>	To create and debug algorithms to draw patterns.