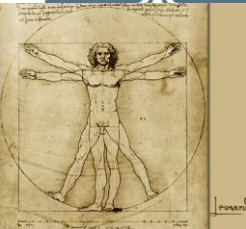

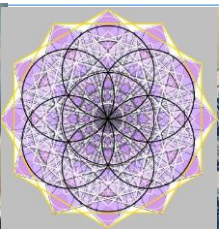
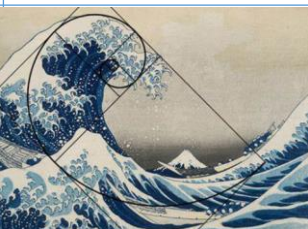





November Challenge Calendar



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	 			<p>1 All Saints Day - Geology</p> <p>The All Saints' Day Earthquake That Changed The World (forbes.com)</p>	<p>2 Chemistry</p> <p>You may see lots of fireworks over the next few days How Do Fireworks Get Their Colors? Firework Colors Chemistry (sciencenotes.org)</p>	<p>3 Music – What was on the record that NASA sent out of our solar system?</p> <p>The Voyager Golden Record: Earth's Greatest Hits WFMT</p>
<p>4 Psychology</p> <p>Features of psychology as a science - Research Methods [A-Level Psychology] (youtube.com)</p>	<p>5 History</p> <p>Guy Fawkes and the Gunpowder Plot Tower of London Historic Royal Palaces (hrp.org.uk)</p>	<p>6 Engineering/ History</p> <p>The 10 Greatest Engineers of All Time NewEngineer</p>	<p>7 Ann Birth of Marie Curie</p> <p>Marie Curie - The person who discovered radium and polonium - BBC Teach or Marie Curie: Biography, Scientist, Physics Nobel Prize, and Movie</p>	<p>8 Drama - Find out about the author of our production:</p> <p>Roald Dahl: writer, inventor, historian, fighter pilot and spy South Wales Argus</p>	<p>9 Geography – future energy systems. Watch this video to find out about solar power: Solar Panels KS3 and KS4 worksheets STEM Crew</p>	<p>10 Science</p> <p>Try one of these outdoor STEM activities 45 Outdoor STEM Activities For Kids - Little Bins for Little Hands</p>
<p>11 Remembrance Day </p> <p>History Challenge: After 4 years and 97 days guns finally fell silent as the Great war ended – can you write a poem of remembrance? Send your entry to Mrs Fretwell.</p>	<p>12 Physics</p> <p>Helen Czerski: The fascinating physics of everyday life TED Talk</p>	<p>13 Technology</p> <p>20 inventions that changed the world Live Science</p>	<p>14 Christopher Wren was knighted on this day in 1673</p> <p>Gresham Lecture Christopher Wren's Cosmos (youtube.com)</p>	<p>15 Music</p> <p>How Composers use Fibonacci Numbers & Golden Ratio Composing with Fibonacci (youtube.com)</p>	<p>16 English</p> <p>What makes a poem ... a poem? - Melissa Kovacs (youtube.com)</p>	<p>17 The Father of Modern Science?</p> <p>Cosmologist Brian Keating on The Fascinating Life and Discoveries of Galileo (youtube.com)</p>
<p>18 Geography</p> <p>How do we map the world? Click on this link to find out:</p> <p>STEM</p>	<p>19 Art – the secret to art compositions</p> <p>Golden Ratio for Art Beginners #ArtHistory (youtube.com)</p>	<p>20 Science and Computing</p> <p>Journey Through Stars with NASA in New Minecraft Game – NASA</p>	<p>21 Ancient History</p> <p>Who was Archimedes? Archimedes: The Greatest Mind in Ancient History (youtube.com)</p>	<p>22 Computer Science</p> <p>Scratch tutorial – make it fly</p> <p>Scratch - Imagine, Program, Share (mit.edu)</p>	<p>23 Maths – Fibonacci Day</p> <p>The magic of Fibonacci numbers Arthur Benjamin TED (youtube.com)</p> 	<p>24 Politics</p> <p>What Scientific projects are the government currently investigating for our future? Foresight projects - GOV.UK (www.gov.uk)</p>
<p>25 English</p> <p>Ten Science Poems You Need To Read (hellobio.com)</p>	<p>26 Maths/ Archaeology</p> <p>Mathematicians Crack Mystery of Babylonian Clay Tablet 'Plimpton 322' Archaeology, Mathematics Sci-News.com</p>	<p>27 History</p> <p>11 Innovations That Changed History HISTORY</p>	<p>28 Royal Institute Lecture</p> <p>The most surprising discoveries from our universe – with Chris Lintott (youtube.com)</p>	<p>29 Computer Science</p> <p>Binary – Hexidecimal</p> <p>Binary Practice (learn-co.de)</p>	<p>30 St Andrews Day (Patron Saint of Scotland)</p> <p>What are the top inventions to come out of Scotland? Scotland's Inventions Scotland.org</p>	