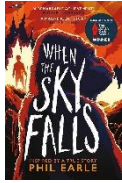




This half term in year 5, we will be reading *When the Sky Falls* by Phil Earle.



Key knowledge and skills	Key vocabulary
<p>Sciences:</p> <p>The Sun is a star. It is at the centre of our solar system.</p> <p>There are 8 planets.</p> <p>These travel around the Sun in fixed orbits.</p> <p>Earth takes 365¼ days to complete its orbit around the Sun. The Earth rotates (spins) on its axis every 24 hours. As Earth rotates half faces the Sun (day) and half is facing away from the Sun (night). As the Earth rotates, the Sun appears to move across the sky.</p> <p>The Moon orbits the Earth. It takes about 28 days to complete its orbit.</p> <p>The Sun, Earth and Moon are approximately spherical.</p>	<ul style="list-style-type: none"> • Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune) • Spherical • solar system • rotates • star • orbit • planets
<p>Computing:</p> <p>CAD is used to design 3D objects in a 2D environment. Some examples are; Architectural plans for buildings; designing layouts for interiors; designing objects such as packaging and designing mechanical components; designing shoes and clothing.</p> <p>2D is something that has only two dimensions; height and width.</p> <p>3D something that has three dimensions; height, width and depth.</p>	<ul style="list-style-type: none"> • Design brief • Net • Pattern fill • 2D • 3D • CAD • 3D printing
<p>History:</p> <p>World War 2 began in 1939 after Hitler's army invaded Poland.</p> <p>The Battle of Britain took place between July and October 1940.</p> <p>After the Battle of Britain the German airforce (Luftwaffe) was severely weakened.</p> <p>Children from British cities were evacuated to the countryside for their safety.</p> <p>The organised rescue of children from Nazi Germany is known as Kindertransport.</p> <p>Not all British men went away to fight. Many had vital roles in Britain.</p> <p>Many women worked to keep the country running. They took on roles women had never done before.</p>	<ul style="list-style-type: none"> • Hitler • Luftwaffe • Evacuation • Evacuee • Kindertransport • Anti-Semitism • Land Army



<p>Victory in Europe Day (VE Day) was declared on 8th May 1945, bringing an end to the war in Europe.</p>	
<p>Geography: North America and South America are continents. The divide between North and South America is the border between Panama and Columbia. There is a variety of climates, vegetation and landscapes within both North and South America due to the size of the continents.</p>	<ul style="list-style-type: none"> • climate zones • biomes • vegetation belts • rivers • mountains
<p>Art: I can mix different shades of paint to match any colour. I can use colour to create different moods and tones. I can add black to make a colour darker and I can add white to make a colour darker. I can create a painting from a drawing. I can mix different colours and tones to create atmosphere in my painting.</p>	<ul style="list-style-type: none"> • Primary • Secondary • Consistency • Thick • Shade • Tone • Subtle • Bold • Gradient • Atmosphere
<p>D.T.:</p> <ul style="list-style-type: none"> • To understand some different ways to reinforce structures • To understand how triangles can be used to reinforce bridges • To know that properties are words that describe the form and function of materials • To understand why material selection is important based on their properties • To understand the material (functional and aesthetic) properties of wood 	<ul style="list-style-type: none"> • Beam bridge • Arch bridge • Truss bridge • Draw bridge • Suspension bridge • Strength • Factors • Stiffness • Stability • Visual appeal • Aesthetics • Joint
<p>R.E.:</p> <p>Christians and Jews believe the world was created by God in 7 days with the seventh day being a day of rest and it is told in the story of Genesis in the Bible and the Torah.</p> <p>Scientists use the Big Bang Theory to explain how the world began.</p> <p>Sikhs and Hindus have different theories on creation.</p>	<ul style="list-style-type: none"> • Creation • Genesis • Big Bang Theory



<p>Buddhism does not have a creation story.</p> <p>Religious believers have different ideas within religions. For example, some Christians believe all creation is from God whilst other Christians believe God created man and science developed things through evolution.</p>	
<p>P.S.H.C.E.:</p> <p>Katherine Johnson was famous for her work with NASA as an aerospace technologist for 13 years.</p> <p>Voluntary work means you do not get paid for the work you do.</p>	<ul style="list-style-type: none"> • Career • Voluntary work
<p>French:</p> <ul style="list-style-type: none"> • To say "I am " in French, you use "je suis..." and to say "I am not.." you use "je ne suis pas...." . • This is an example of the negative and you can use this with lots of verbs. Add "ne" before the verb and "pas" after the verb 	<ul style="list-style-type: none"> • Prénom- first name • Nom de famille - surname • Âge- age • Date de naissance- date of birth • Adresse - address • Nationalité - nationality • Je m'appelle- I am called • J'habite à- I live in.... • J'ai ans - I am years old • Je suis... - I am • Je ne suis pas ... - I am not • Ma date de naissance est... - My date of birth is ...
<p>Music:</p> <p>'Pack up your troubles in your old kit bag' and 'We'll Meet Again' are examples of songs popular during WW2.</p> <p>The Solfa syllables represent the pitches in an octave.</p> <p>A 'counter-subject' or 'counter-melody' provides contrast to the main melody.</p>	<ul style="list-style-type: none"> • Music • Morale • Britain Troops • Frontline Vera Lynn • Contrast Tempo • Melody Pitch • Graphic Score



Key Knowledge and Skills
Year 5 Summer 1

<p>A counter-melody is different to harmony because it uses a different rhythm as well as complementary notes.</p>	<ul style="list-style-type: none">• Do Re Mi Fa So La Ti• Harmony Solfa• Counter-melody
<p>P.E.: Athletics & Football</p>	

Key dates and other information:

Jodrell Bank Trip - Friday 23rd May