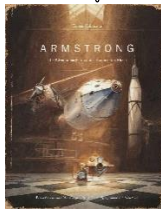




Key Knowledge and Skills

Year 5 Summer 2

This half term in year 5, we will be reading *Armstrong* by Torben Kuhlmann.



Key knowledge and skills	Key vocabulary
<p>Science:</p> <p>When babies are young, they grow rapidly. They are very dependent on their parents. As they develop, they learn many skills.</p> <p>At puberty, a child's body changes and develops primary and secondary sexual characteristics. This enables the adult to reproduce.</p>	<p>Human, Development Baby Mass Toddler Teenager Child Adult Gestation Grow puberty</p>
<p>Computing - coding</p> <p>Abstraction is removing unnecessary details to get the program functioning.</p> <p>Decomposition is breaking a task into its component parts so that each part can be coded separately.</p> <p>A simulation is creating a program where the objects behave as they would in the real world.</p>	<p>Abstraction Decomposition Simulation Action Algorithm Debug</p>
<p>Geography:</p> <p>Biomes are areas of the planet with similar climates, landscapes, animals and plants. These can be rainforests, deserts, savannah, woodland, grasslands and tundra.</p> <p>Vegetation belts are</p> <p>Settlements can be villages, towns and cities.</p> <p>Ports are key for trade. Many items are exported from North and South America into UK.</p>	<p>climate zones biomes vegetation belts rivers mountains settlement land-use trade links and ports</p>
<p>Art - sculpture:</p> <p>A 'slip' joins two pieces of clay together.</p> <p>Clay can be manipulated using pinch, slab and coil techniques.</p> <p>Different tools can create intricate patterns and textures.</p> <p>Pieces are finished in different ways including paint, glaze and polish.</p>	<p>Slip Pinch Slab Coil Paint</p>



Key Knowledge and Skills

Year 5 Summer 2

Intricate patterns and textures can be created by carving.	Glaze Polish Sketchbooks
<p>D.T -</p> <p>To understand some different ways to reinforce structures</p> <p>To understand how triangles can be used to reinforce bridges</p> <p>To know that properties are words that describe the form and function of materials</p> <p>To understand why material selection is important based on their properties</p> <p>To understand the material (functional and aesthetic) properties of wood</p>	<p>Beam bridge</p> <p>Arch bridge</p> <p>Truss bridge</p> <p>Draw bridge</p> <p>Suspension bridge</p> <p>Strength</p> <p>Factors</p> <p>Stiffness</p> <p>Stability</p> <p>Visual appeal</p> <p>Aesthetics</p> <p>Joint</p>
R.E - Investigating religious and non religious viewpoints	Rangoli Stained glass Mandala
<p>P.S.H.C.E - During puberty, boys and girls experience emotional changes due to their hormones.</p> <p>Humans need their internal and external reproductive organs to reproduce</p>	<p>Menstruation</p> <p>Hormones</p> <p>Internal and external organs</p> <p>reproductive</p>
<p>French:</p> <p>Find out more about beaches in France</p> <p>Learn nouns for items to take to the beach</p> <p>Use persuasive sentences to create and perform a spoken advert about the seaside</p> <p>Use persuasive sentences to create a leaflet about the seaside</p> <p>Create extended sentences about the seaside using conjunctions</p>	<p>Dans mon sac de plage, j'ai...- In my beach bag, I have...</p> <p>des lunettes de soleil - sunglasses</p> <p>un ballon - a ball</p> <p>une casquette - a cap</p> <p>des tongues - flip-flops</p> <p>un maillot de bain - a swimming costume</p> <p>de la crème solaire - some sunscreen</p> <p>un frisbee - a frisbee</p> <p>une serviette - a towel</p>
P.E - striking and fielding, cricket and rounders	



Key Knowledge and Skills Year 5 Summer 2

Key dates and other information: