








Boston West Academy Yearly Overview

Year 5

‘Working together for success’ 	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Space 	World War 2 	Natural disasters 	Ancient Greece 	Journeys 	Pilgrim Fathers 
English	Literacy Tree	Literacy Tree	Literacy Tree	Literacy Tree	Literacy Tree	Literacy Tree
Maths Maths resources for teachers White Rose Maths	Place Value Addition & Subtraction Multiplication & Division	Multiplication & Division Fractions A	Multiplication & Division Fractions B Decimals & Percentages	Decimals & Percentages Perimeter & Area Statistics	Shape Position & Direction Decimals	Decimals Negative Numbers Converting Units Volume
Science Science	Earth and Space Describe the movements of the Earth and the Moon. Describe the Sun, Earth and Moon as approximately spherical bodies. Explain day and night in relation to the Earth’s rotation. Space race Hidden Figures Dr Maggie’s Grand Tour of the Solar System Counting On Katherine	Forces Know that unsupported objects fall due to gravity. Identify effects of air and water resistance and friction. Recognise some mechanisms, including levers, pulleys and gears allow smaller forces to have a greater effect. Scientist Study: Galileo Galilei and Emma England	Properties and changes of materials Compare materials by properties including hardness, solubility, transparency, conductivity and response to magnets. Know some materials will dissolve to form a solution. Decide how mixtures might be separated through filtering, sieving or evaporating. Reason, form comparative and fair tests, for uses of different materials. Demonstrate that dissolving, mixing and changes of state are reversible. Explain that some changes result in new materials. The Usborne Library of Science: Materials		Living things and their habitats Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals Scientist Study: David Attenborough Project Bugs Things That Grow Super Scientists: David Attenborough	Animals, including Humans Describe the changes as humans develop into old age

	Beyond the Sky: You and the Universe				
Computing Key Stage 2 (teachcomputing.org)	Creating media Video editing Planning, capturing, and editing video to produce a short film.		Computing systems and networks Sharing information Identifying and exploring how information is shared between digital systems.		Creating Media Vector drawing Creating images in a drawing program by using layers and groups of objects.
Geography Geography	Mapwork Use maps, atlases and globes to locate continents, oceans and countries around the world.		Volcanoes & Earthquakes Understand volcanoes and earthquakes. Consider impact on people's lives focusing on Iceland and compare with Vesuvius and Pompeii in Italy. Kids: Everything Volcanoes and Earthquakes Earth Shattering Events A Really Short History of Nearly Everything		Ireland Study a region of the UK describing settlements, land use and economic activity. Use maps and atlases. The Big Book of Facts about the UK Compare Boston, Massachusetts with Boston, Lincolnshire Compare Boston, Lincolnshire, England, and Boston, Massachusetts, USA. Understand key aspects of settlements, land use and economic activity. Use maps, atlases and globes. Fieldwork: Boston Investigate land use, and changes over time in Boston UK. Plan and draw a route map through Boston. Use compass directions (8 points).
History History	Remembrance What happens on Remembrance Sunday/ November 11th? (see progression document in history file) World War One by Richard Brassey	World War 2 A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 Why did World War II break out? What did men/ women do during the war? Why were people evacuated?		Ancient Greece How can we find out about the civilisation of Ancient Greece? Who were the Ancient Greek? What can artefacts and archaeological sites tell us about what life was like in Ancient Greece? Can we learn anything from Greek myths and legends?	Journeys Ireland to America Windrush generation War torn countries - Ukraine Local History and Pilgrim Fathers Colonists -investigating and interpreting the past using source materials Native Americans and settlers Knowledge and understanding. Historical communication Why did migrants come to Britain?

		<p>What was the impact of the Blitz and how were people protected from it? What was the Holocaust and what was the impact?</p>		<p>What do we know about the achievements of Alexander the Great? <u>Can we thank the Ancient Greeks for anything in our lives today?</u> What can we learn from our language about Ancient Greece? What do some of our buildings tell us about how we view Ancient Greece today? How were the Ancient Greeks governed and are there any similarities with how we are governed today? How have the Olympic Games changed since they were first held in Ancient Greece? So You Think You've Got it Bad: A kid's Life in Ancient Greece See Inside: Ancient Greece Visitor's Guide to Ancient Greece Greek Myths by Marcia Williams You Wouldn't Want to be a Slave in Ancient Greece</p>	<p>What were the experiences of migrants in Britain? What was the impact of migration to Britain?</p> <p>Who were the Pilgrim Fathers and how do we know about them?</p> <p>Boston by Neil Wright Coming to England by Floella Benjamin A World Full of Journeys and Migrations</p>
<p style="text-align: center;">RE <u>Religious Education</u></p>	<p style="text-align: center;">Being Human Christianity In what ways does the Bible teach Christians to treat others? How is this expressed in practice? How do beliefs impact on action: expectations of behaviour, ways in which people act, examples of contemporary individuals?</p>	<p style="text-align: center;">Being human Hinduism How do Hindus reflect their faith in the way they live? What is karma and how does it drive the cycle of samsara? How might a Hindu seek to achieve moksha?</p>	<p style="text-align: center;">Being human Islam What does the Qur'an teach Muslims about how they should treat others? How do Muslim teachings guide the way Muslims act? How are Muslim beliefs</p>	<p style="text-align: center;">Pilgrimage What is a pilgrimage? What does pilgrimage involve? E.g. Jewish pilgrimage to Jerusalem, Christian pilgrimage to Walsingham, Lourdes, Iona, Jerusalem, Muslim pilgrimage to Makkah, Hindu pilgrimage to the Ganges</p>	

			expressed in practice? How do beliefs impact on action?	
<p style="text-align: center;">DT Design & technology</p>	<p>Mechanical Use unit 5c - Designing & making a cam toy Design/Make/Evaluate Children know that many toys have mechanisms to allow moving parts Children know the purpose of cogs, levers, pulleys and cams Children know that different shaped cams produce a different movement</p>	<p>Structures Bridges Design/Make/Evaluate Children know how to reinforce a beam to improve it's strength Children know how to build a truss bridge structure (use doweling for final bridge, spaghetti, straws for mock ups) Children know about the influence of Isambard Kingdom Brunel Super Structures Fabulous Bridges Structures: Bridges</p>		<p>Food Design/Make/Evaluate Fruit or vegetable kebabs Children know how to follow simple instructions independently Children know how to cut high resistance food with a vegetable knife using the claw grip Children know how to thread vegetables onto a kebab stick safely Children know how to fold ingredients together carefully</p> <p>Textiles Design/Make/Evaluate Bag or pouch Children know when to use and apply a range of different stitching techniques previously learnt Children know how to sew a back stitch Children know how to create objects that employ a seam allowance (such as a bag) Children know how to join textiles with a combination of stitching techniques such as back stitch for seams and running stitch to add decoration</p>
<p style="text-align: center;">Art Art and design - Kapow Primary</p>	<p>Drawing How imagery was used in the space race. Explore drawing, collage and printing.</p>		<p>Sculpture & 3D Inspired by historical monuments and modern inspirations looking at scale 13 Sculptures Children Should Know</p>	<p>Painting & Mixed Media Explore creating self-portraits using a variety of painting, photography and mixed media techniques.</p>
<p style="text-align: center;">Music https://www.lincsmusicservicedigital.org/c/1370757-english-model-music-curriculum-scheme-v2 https://www.lincsmusicservicedigital.org/c/1356466-english-model-music-curriculum</p>	<p>Melody and harmony in music https://www.lincsmusicservicedigital.org/c/1370757-english-model-music-curriculum-scheme-v2/1370786-year-5/1370787-melody-and-harmony-in-music</p>	<p>Composing and chords https://www.lincsmusicservicedigital.org/c/1370757-english-model-music-curriculum-scheme-v2/1370786-year-5/1370789-composing-and-chords</p>	<p>Enjoying musical styles https://www.lincsmusicservicedigital.org/c/1370757-english-model-music-curriculum-scheme-v2/1370786-year-5/1370790-enjoying-musical-styles Singing Perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression.</p>	

<p style="text-align: center;">PE</p> <p style="text-align: center;">Get Set 4 PE: Lesson Plans and Schemes of Work</p>	<p>Tag rugby Develop key skills and principles such as defending, attacking, throwing, catching, running and dodging.</p> <p>Orienteering Take part in outdoor and adventurous challenges both individually and within a team.</p>	<p>Netball Pupils will develop defending and attacking play during even-sided 5-a-side netball. Pupils will learn to use a range of different passes to keep possession and attack towards a goal. They will start to show control and fluency when passing, receiving and shooting the ball. They will learn key rules of the game.</p>	<p>Swimming Pupils will be introduced to specific swimming strokes on their front and on their back. They will learn how to travel, float and submerge with increasing confidence. They will learn and use different kicking and arm actions. Pupils will be given opportunities to observe others and provide feedback. They will also be introduced to some personal survival skills and how to stay safe around water. More advanced pupils focus on swimming more fluently and with increased confidence and control. Pupils work to improve their swimming strokes, learn personal survival techniques and how to stay safe around water.</p>	<p>Rounders Pupils will develop the quality and consistency of their fielding skills and understanding of when to use them such as throwing underarm and overarm, catching and retrieving a ball. They learn how to play the different roles of bowler, backstop, fielder and batter and to apply tactics in these positions.</p>	<p>Gymnastics Create longer sequences individually, with a partner and a small group. They learn a wider range of actions such as inverted movements to include cartwheels and handstands. They explore partner relationships such as canon and synchronisation and matching and mirroring.</p>	
<p style="text-align: center;">PSHE</p> <p style="text-align: center;">PSHE and RSE scheme of work for primary pupils - Kapow Primary</p> <p style="text-align: center;">PSHE & RSE</p>	<p>Relationships</p> <p>Families and friendships Managing friendships and peer influence</p> <p>Safe relationships Physical contact and feeling safe</p> <p>Respecting ourselves and others Responding respectfully to a wide range of people; recognising prejudice and discrimination</p>		<p>Living in the wider world</p> <p>Belonging to a community Protecting the environment; compassion towards others</p> <p>Media literacy and Digital resilience How information online is targeted; different media types, their role and impact</p> <p>Money and Work Identifying job interests and aspirations; what influences career choices; workplace stereotypes</p>		<p>Health and wellbeing</p> <p>Physical health and Mental wellbeing Healthy sleep habits; sun safety; medicines, vaccinations, immunisations and allergies</p> <p>Growing and changing Personal identity; recognising individuality and different qualities; mental wellbeing</p> <p>Keeping safe Keeping safe in different situations, including responding in emergencies, first aid <i>Perfectly Imperfect Stories</i> <i>From Armpits to Zits : The Book of Yucky Body Bits</i></p>	
<p style="text-align: center;">MFL</p> <p>Home (languageangels.com) MFL</p>	<p>Phonetics lesson 1 -3 (Core) Learning to pronounce French phonemes</p>		<p>Vegetables (Early) Learning a range of vegetables vocabulary and how to add a weight for role play shopping at a French market. Extending phrases into longer sentences. <i>Bon appetit, Monsieur Lapin</i></p>		<p>Family (Intermediate) Family members vocabulary, possessive adjectives, siblings, numbers and age. <i>Qui vit ici? – Alain Crozon</i></p>	
<p style="text-align: center;">Outdoor Learning</p> <p style="text-align: center;">Staff Team (Boston West) - Outdoor Learning - All Documents (sharepoint.com)</p>	<p>Creative Outdoors Children will be inspired by the work of outdoor artists when</p>	<p>Growing & Caring Outdoors Children will develop new plants by taking cuttings,</p>	<p>Nature Outdoors Children will understand how to identify a variety</p>	<p>Growing and Caring Outdoors Children will prepare the soil, sow seeds, water, thin out seedlings and weed a</p>	<p>Growing and Caring Outdoors Children will prepare the soil, sow seeds, water, thin out seedlings and weed a</p>	<p>Adventurous Outdoors Children will understand how to use teamwork and</p>

	<p>creating intricate designs and sculptures (including 3D elements or structures), from natural resources. (CO3)</p> <p>(Initial letters logos)</p> <p>Children will understand how to use the features of trees and other natural resources, to enhance tree characters (made of mud). (CO 2)</p> <p>(Tree Spirits)</p>	<p>and propagating plants from runners. (GCO5)</p> <p>(Propagate spider plants)</p> <p>Creative Outdoors</p> <p>Children will manipulate (weave) willow, with adult demonstration through step-by-step instructions. (CO4)</p> <p>(Willow Craft - Tension tray)</p>	<p>of common birds using key features. (ITNO2)</p> <p>Adventurous Outdoors</p> <p>Children will understand how to tie a clove hitch knot. (AO8)</p> <p>Children will understand the importance of teamwork and the need for resilience, to complete group challenges using natural materials. (AO 12)</p> <p>(Willow hoop chains)</p>	<p>variety of vegetables. (GCO4)</p> <p>Adventurous Outdoors</p> <p>Children understand how to set up simple fire lays safely and know the importance of the fire triangle (oxygen, heat, fuel) when adding fuel, to keep a fire going. (AO2)</p> <p>Children understand how to use a fire steel and tinder to start a small fire. (AO3)</p>	<p>variety of vegetables. (GCO4)</p> <p>Children will develop new plants by taking cuttings, and propagating plants from runners. (GCO5)</p> <p>(Lavender cuttings)</p>	<p>effective communication skills to erect an A-frame (tent-style) tarpaulin shelter. (AO7)</p> <p>Children will understand how to use specific resources to create balance / obstacle courses, using teamwork and problem-solving skills to overcome challenges, while risk assessing designs. (AO13)</p>
Y5 Entitlement	Planetarium visit	WW2 day	Swimming	Greek day Bikability	Year 5 play to parents	Trip to Guildhall Fieldwork trip to library Sports day LIVES visit

Red indicates books from the year group reading spine to support teaching and learning.