

Ark John Keats Academy

Year 3 Curriculum Overview 2016 – 2017

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English Mastery	<p>Stories by Anthony Browne</p> <p>Key texts:</p> <ul style="list-style-type: none"> • Gorilla • The Tunnel • Zoo • Piggy Book 	<p>Folk Tales from around the world</p> <p>Key Texts:</p> <ul style="list-style-type: none"> • Fairy tales - Hands Christian Andersen • Traditional Tales from Africa • Seasons of Splendour - Madhur Jaffrey 	<p>Key Text:</p> <ul style="list-style-type: none"> • The Iron Man – Ted Hughes 	<p>Key Text:</p> <ul style="list-style-type: none"> • The Adventures of Odysseus • An Original Retelling - Hugh Lupton and Daniel Morden 	<p>Key Text:</p> <ul style="list-style-type: none"> • Fantastic Mr Fox – Roald Dahl 	<p>Key Text:</p> <ul style="list-style-type: none"> • Alice in Wonderland – Lewis Carroll
Writing and key grammatical skills	<ul style="list-style-type: none"> • Extend sentences using clauses • Use a wider range of conjunctions, adverbs and prepositions • Punctuate direct speech 	<ul style="list-style-type: none"> • Use grammatical terminology • Understand first and third person 	<ul style="list-style-type: none"> • Use adverbs and adverbials • Create complex sentences • Use commas to mark clauses • Punctuate direct speech 	<ul style="list-style-type: none"> • Develop understanding of tense • Use prepositions to express time and place • Write sentences with more than one clause • Use a wider range of connectives 	<ul style="list-style-type: none"> • Use verb tenses – past, present and future form • Use commas to mark clauses • Use pronouns to avoid repetition or ambiguity and add clarity and cohesion 	<ul style="list-style-type: none"> • Use possessive apostrophe with singular, plural nouns • Extend sentences with more than one clause • Use a wide range of conjunctions
Mathematics Mastery	<ul style="list-style-type: none"> • Reasoning within 100 • Place Value including decimals • Graphs • 2, 5 and 10 times tables 	<ul style="list-style-type: none"> • Addition and subtraction up to 4 digits • Length and perimeter • 3 and 4 times tables 	<ul style="list-style-type: none"> • Multiplication and division word problems • Using 10s, 100s and 1000s to multiply and divide large numbers • 6 times tables 	<ul style="list-style-type: none"> • Time: analogue, digital and finding how long • Fractions • 7 times tables 	<ul style="list-style-type: none"> • Angles and shape • Length, weight and volume • 6 and 7 times tables 	<ul style="list-style-type: none"> • Explore calculation strategies • 8 times tables
Science	<p>Understanding science:</p> <ul style="list-style-type: none"> • Know what science is and why it is important 	<p>Animals including humans:</p> <ul style="list-style-type: none"> • Identify that animals, including humans, need 	<p>Forces and magnets:</p> <ul style="list-style-type: none"> • Compare how things move on different surfaces • Notice the 	<p>Plants:</p> <ul style="list-style-type: none"> • Identify and describing the functions of different parts of flowering plants 	<p>Rocks:</p> <ul style="list-style-type: none"> • Compare and group different types of rocks based on simple physical 	<p>Light:</p> <ul style="list-style-type: none"> • Recognise that we need light to see things • Notice that light

	<ul style="list-style-type: none"> Know the names of basic apparatus used for experiments Know about some significant world scientists and what have they achieved 	<p>the right types and amount of nutrition</p> <ul style="list-style-type: none"> Identify that humans and some other animals have skeletons and muscles for support, protection and movement 	<p>difference between contact force and magnetic force</p> <ul style="list-style-type: none"> Observe how magnets attract or repel each other and attract some materials but not others 	<ul style="list-style-type: none"> Explore the requirements of plants for life and growth Investigate the way in which water is transported within plants 	<p>properties</p> <ul style="list-style-type: none"> Describe how fossils are formed Recognise that soils are made from rocks and organic matter 	<p>is reflected from surfaces</p> <ul style="list-style-type: none"> Recognise that light from the sun can be dangerous Recognise how shadows are formed Find patterns in the way that the size of shadows change
Character	<ul style="list-style-type: none"> Climate for learning 	<ul style="list-style-type: none"> Growth mind-set 	<ul style="list-style-type: none"> Patience and Self-control 	<ul style="list-style-type: none"> Responsibility 	<ul style="list-style-type: none"> Respect 	<ul style="list-style-type: none"> Tenacity
History	<p>Understanding history</p> <ul style="list-style-type: none"> Prior knowledge Sources of information chronology 	<p>Changes in Britain:</p> <ul style="list-style-type: none"> The Victorians and Dickensian London 	<p>Changes in Britain:</p> <ul style="list-style-type: none"> World War II – the Blitz in London 	<p>The achievements of the earliest civilizations:</p> <ul style="list-style-type: none"> A study of Greek life and achievements and their influences on the western world 	<p>Changes in Britain:</p> <ul style="list-style-type: none"> the Stone Age to the Iron Age 	<p>The achievements of the earliest civilizations:</p> <ul style="list-style-type: none"> The Roman Empire and its impact on Britain
Geography	<p>World geography:</p> <ul style="list-style-type: none"> Locate the world's continents and countries using maps, atlases and globes Identify environmental regions, key physical and human characteristics and understand how some of these have changed over time 	<p>British geography:</p> <ul style="list-style-type: none"> Name and locate cities in the UK and their human characteristics Use maps to identify how cities have changed over time 	<p>World geography:</p> <ul style="list-style-type: none"> Learn the position and significance of latitude, longitude, the Equator and hemispheres 	<p>Physical geography:</p> <ul style="list-style-type: none"> Describe and understand the key aspects of physical geography 	<p>Human geography:</p> <ul style="list-style-type: none"> Describe and understand the key aspects of human geography 	<p>Local study:</p> <ul style="list-style-type: none"> Use fieldwork to observe, measure, record and present human and physical features in the local area

Computing	Creating algorithms in Scratch to draw shapes and patterns using: iteration (loops), conditions and variables	Creating stunning presentations, organising and arranging text and multimedia content effectively	Learning what networks are, the hardware they use and how data is transferred at school, at home and in business.	Learn about the process of Chroma Keying (also known as green screening) and setup equipment to create a virtual scene.	Recognising different sensors and the control systems they are used in. As well as designing and creating a control system.	Project – using multiple skills gained throughout the year + Online Safety
Art and Design	Developing mastery of art and design techniques: <ul style="list-style-type: none"> • Draw with a range of materials • Know about the work of a well-known artist from history 	Developing mastery of art and design techniques: <ul style="list-style-type: none"> • Paint with a range of materials • Know about the work of a well-known artist from history 	Developing mastery of art and design techniques: <ul style="list-style-type: none"> • Sculpt with a range of materials • Know about the work of a well-known artist from history 	Developing mastery of art and design techniques: <ul style="list-style-type: none"> • Draw with a range of materials • Know about the work of a well-known architect from history 	Developing mastery of art and design techniques: <ul style="list-style-type: none"> • Draw with a range of materials • Know about the work of a well-known designer from history 	Developing mastery of art and design techniques: <ul style="list-style-type: none"> • Paint with a range of materials Know about the work of a well-known artist from history
MFL	Getting to know you <ul style="list-style-type: none"> • Greetings • What's your name? • Numbers 1-12 • How old are you? • How are you feeling? 	Getting to know you <ul style="list-style-type: none"> • Vive la France! • Where do you live? • Christmas traditions 	All About me <ul style="list-style-type: none"> • Classroom instructions • My body • Actions • Colours • Clothes: what's in your wardrobe? • Clothes: what are you wearing? 	Family and Friends <ul style="list-style-type: none"> • Meet my family • Pets • Learn the alphabet • What's his name? • How do you spell...? • My home 	Our school <ul style="list-style-type: none"> • What's in the classroom? • What's in your pencil case? • School subjects • Around the school • What do you like to do? 	Food, Glorious Food! <ul style="list-style-type: none"> • 'The Very Greedy Dog' story focus • Please may I have? • Expressing preferences/opinions • Modifying adjectives
Music	<ul style="list-style-type: none"> • Djembe drums 	<ul style="list-style-type: none"> • Christmas Performance 	<ul style="list-style-type: none"> • Djembe drums 	<ul style="list-style-type: none"> • Djembe drums 	<ul style="list-style-type: none"> • Djembe drums 	<ul style="list-style-type: none"> • Djembe drums
PE	<ul style="list-style-type: none"> • Invasion games • Swimming 	<ul style="list-style-type: none"> • Gymnastics • Swimming 	<ul style="list-style-type: none"> • Hockey • Swimming 	<ul style="list-style-type: none"> • Dance • Swimming 	<ul style="list-style-type: none"> • Striking & fielding • Swimming 	<ul style="list-style-type: none"> • Athletics • Swimming