

Monkspath Junior and Infant School Year 4 Curriculum Handbook						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Research and news articles linked to Roman history, Kennings – link to Romans Stig of the dump (2020), Varjak Paw (2021) The outlaw Varjak Paw, Roman Mysteries AUTHOR STUDY: Michael Morpurgo: Kensuke's Kingdom, Born to run Butterfly Lion, Dancing Bear, Wreck of the Zanzibar, Beowulf Simile, metaphor, alliteration in all writing. CLASSIC POETS: Macavity – link to 'Varjak Paw'		Harry Potter & the Philosopher's Stone Harry Potter & the Chamber of Secrets Where the forest meets the sea The Great Kapok Tree, Pongo		Classic poetry and Nonsense poetry – Lewis Carroll, Edward Lear and Spike Milligan, Jabberwocky, Owl and the pussycat, The Raven (Edgar Allan Poe), Macavity The Promise, Old enough to save the planet, Environmental issues (use of library) Anglo Saxon boy	
Maths	Place value, Fractions, Calculation: all four operations Fractions, Decimals and place value Calculation: length, width, perimeter		Place value Calculation: length, width, perimeter Fractions and decimals, Statistics, Measurement: incl. fractions and decimals		Geometry Calculation: incl. capacity and weight Shape: area and perimeter, Calculation (including time)	
Science	Living Things Suggest different ways of sorting the same group of living things, e.g. grouping birds according to where they live, what they eat and size of adults. Use classification keys to group and identify members from a range of familiar and less familiar living things. Use classification keys to group and identify members from a range of familiar and less familiar living things.	Looking at States Group materials according to their state of matter. Describe how evaporation and condensation happen in the water cycle, and how temperature affects evaporation. Identify changes of state and research values of degrees Celsius at which changes happen.	Teeth and Eating Identify what each of the principal organs do in the digestive system. Describe the function of each type of tooth in the human skull. Use a food chain to represent predator-prey relationships.	Power it up List examples of appliances that run on electricity. Construct a simple circuit and name its components. Sort materials into conductors and insulators, identifying metals as conductors. Predict whether a particular arrangement of components will result in a bulb lighting. Predict whether a particular arrangement of components will result in a bulb lighting.	What's that Sound? Explain, with reference to vibrations, how an object makes a sound. Describe the role of a medium in the transmission of sound. Describe the effect of moving further from the source of a sound. Explain with reference to a particular object how the pitch of the sound can be changed. Explain with reference to a particular object how the volume of the sound can be changed.	
Computing	Computational thinking Developing computational thinking skills through decomposition, pattern recognition, abstraction and algorithm design to solve problems.	Programming and Animation Design and write a program – animation in Scratch. Encode algorithms into Scratch to create scripts and debug scripts where required	Computer Systems and Networks—The Internet Know that the internet is a network of networks and the World Wide Web is part of the this. Learn about who owns content. Understand the consequences of false information.	Crumble Program the Crumble kits to solve problems that require different inputs and outputs linked to design technology.	Website design Develop research, word processing and collaborative working skills while learning how webpages and websites are created using Microsoft tools.	Data Handling: Weather Investigate how weather data is gathered, recorded and used to create forecasts through researching and using spreadsheets to organise information.
Internet Safety	Health Wellbeing and lifestyle Explain how technology can distract from real life. Understand why limiting the time on technology would be positive Self-Image and Identity Understand the difference between online and offline identity Positive online interaction People pretend to be someone else online	Online Bullying Recognise online harm Range of ways bullying can occur Understand the impact of their online activity on others Privacy and security Keeping personal information private Know that the internet is never private Information can be stored, how to manage this Digital age of consent	Managing Online Information Accuracy of online content Using a variety of technologies to research Persuasion to buy - in app purchases Lots of people sharing information online doesn't make it true Technology can be designed to impersonate living things Fake news	Online reputation Finding information about others online Personal information can be copied and shared	Online relationships Using social media and gaming safely Respect online – healthy and unhealthy behaviours Understanding the importance of others' thoughts and beliefs	Copyright and Ownership Understanding who owns content online Know content that must not be used without permission

History	Roman Britain What happened when the Romans came to Britain?			Crime and Punishment How has crime and punishment changed over time?	The Anglo-Saxons Was the Anglo-Saxon period really a Dark Age?	
Geography		Naples and Campania Locate and label Italy, The Campania region and Naples on a world map. Describe the physical features of the region. Label a section through Vesuvius, explaining what a volcano is. Recognise why volcanoes erupt and where earthquakes occur. Explain what happened in AD79 to Pompeii and Herculaneum. Explain the importance of tourism in terms of benefits and disadvantages.	Amazon Basin Understand the location of the Amazon Basin region. Evaluate the role of the rainforest in climate change. Examine the diversity in the rainforest. Make connections between key physical and human features in the rainforest. Appreciate the size and importance of the River Amazon. Use relevant geographical vocabulary. Investigate how the people of the rainforest live and make a living. Use evidence to justify opinions about deforestation.			East Anglia Name and locate the region of East Anglia using maps and atlases. Begin to know some of the characteristics of the region in terms of its weather and climate. Describe the types of farming practised in East Anglia and identify aspects of the physical landscape. Name the human features of the East Anglia region in terms of settlement and the types of jobs people do Begin to understand erosion, transportation and deposition Begin to understand how waves aid the process of coastal change over time Understand how renewable offshore electricity is generated by wind farms
Art	Jewellery Textiles 3D work Charles Tiffany, Sotirious, Georgio and Gianni Bulgari Alfred Van Cleef, Salomon Arpels		Warhol and the Pop Art Movement Drawing Painting Printing Andy Warhol, Roy Lichtenstein		Famous Buildings Drawing Collage (St Paul's Cathedral, St Basil's, Taj Mahal, Sydney Opera House) Christopher Wren, Barma and Postnik Yakovlev, Ustad Ahmad Lahori, Ustad Isa, Jom Utzon, Peter Hall	
Design Technology	Food Design and create a pizza.		Electrical Systems Simple circuits and switches.. Simple programming and control. Design and create a device to illuminate something.		Textiles 2D shape to a 3D product. Design and create a cushion to make seating more comfortable.	
Music	Learn how to play the guitar with good posture, developing technical control of their instrument enable them to produce a pleasing musical sound	Explore how different rhythmic and melodic patterns can be created on the guitar through improvisation.	Explore the concept of harmony Basic open chords. Left hand technique will be refined to allow strings to ring on when strummed.	Play pieces using a more complex string crossings and rhythms developing their reading skills using treble clef notation on the musical stave.	Learn about the 12 bar blues how to improvise and compose in the style as a class	Play and perform a wide range of repertoire focusing on pulse, metre, rhythm and pitch leading up to an end of year performance in school.
Spanish	Phonetics Presenting Myself	Classroom	Family	Goldilocks	My Home	Habitat
Physical Education	Football/Netball Dance	Fitness OAA	Strength, Balance, Control Gymnastics	Cricket Tennis	Basketball Dance	Athletics Hockey
Religious Education	<i>What kind of world did Jesus want?</i> Concept: Gospel	<i>For Christians, when Jesus left, what was the Impact of Pentecost?</i> Concept: Kingdom of God	<i>What do Hindus believe God is like?</i> Concepts: Brahman, atman	<i>Why do Christians call the day that Jesus died 'Good Friday'?</i> Concept: Salvation	<i>What does it mean to be a Hindu in Britain today?</i> Concept: Dharma	<i>How and why do people mark the significant events of life?</i>

PHSE	Being me in my world Being part of a class team Being a school citizen Rights, responsibilities and democracy (school council) Rewards and consequences Group decision-making Having a voice What motivates behaviour	Celebrating Differences Challenging assumptions Judging by appearance Accepting self and others Understanding influences Understanding bullying Problem-solving Identifying how special and unique everyone is First impressions	Dreams and Goals Hopes and dreams Overcoming disappointment Creating new, realistic dreams Achieving goals Working in a group Celebrating contributions Resilience Positive attitudes	Healthy Me Healthier friendships Group dynamics Smoking Alcohol Assertiveness Peer pressure Celebrating inner strength	Relationships Jealousy Love and loss Memories of loved ones Getting on and Falling Out Girlfriends and boyfriends Showing appreciation to people and animals	Changing Me Being unique Girls and puberty Confidence in change Accepting change Preparing for transition Environmental change
RHE	Dental Hygiene (Science) eBug: Section 3:3	Emergencies and calling for Help Keeping myself and others safe in an emergency Calling for help What to tell the emergency services.	Asthma Identify an asthma attack Assess a casualty's condition, give first aid Calling for help	Activity: Being active is important for health, benefits of, diary Food a fact of life: Healthy eating: Eatwell plate: proportions of food groups – balanced diet Digestion: process of Cooking: Planning to cook, hygiene and safety, Pizza	Head Injuries Identify minor and major head injuries First aid for head injuries Calling for help Consent PHSE Association KS2 lesson 2 Personal Boundaries	Basic first aid What is found in a first aid kit? (i.e. what would I put on a cut?) What would I do with a burn?) How to be safe with medicines!