

Otter Class (Year 3 & 4) Curriculum Overview

Subject	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	Across the year we will cover the following genres: Narrative (this will include adventure stories, suspense stories and historical fiction), descriptive writing, poetry, recounts and explanation texts, biographies.			Across the year, we will be continuing to learn our CUSP Scheme. We will also look to improve our spelling and grammar skills, including: word classes, standard English sentence structure and sentence openers, a variety of punctuation.		
Maths	Place Value Unit: Partitioning and Column Identification: Understanding the value of digits in numbers based on their place (e.g., units, tens, hundreds). Pupils will learn to break down numbers into parts (e.g., 345 = 300 + 40 + 5) and recognise numbers in columns.	Addition and subtraction unit, including: introduction to addition and subtraction using strategies like number lines, mental math, and written methods. This may include two-digit or three-digit numbers, understanding exchanging.	Shape unit, including: the focus extends to identifying properties of both 2D shapes (e.g. quadrilaterals and triangles) and 3D shapes (e.g. cubes, cuboids, and pyramids). Students explore symmetry, angles (right angles, acute, obtuse), and start to learn about perimeter and area.	Multiplication and division unit, including: students deepen their understanding of multiplication and division facts up to 12 x 12. They use formal written methods for multiplying two-digit and three-digit numbers by a one-digit number and begin solving division problems with remainders.	Fractions unit, including: students expand their understanding of fractions, learning about equivalent fractions, adding and subtracting fractions with the same denominator, and recognizing simple decimal equivalents (e.g., ½ = 0.5).	Time unit, including: Students work on converting between analogue and digital times (including 12-hour and 24-hour clocks) and solving problems involving time intervals. They also focus on calculating durations of events and understanding time in different contexts (e.g., using timelines, reading timetables).
Science	Forces and magnets: Explore how forces affect movement and how magnets work. Investigate magnetic forces, the materials attracted to magnets, and how different surfaces impact movement.		Animals including humans: Focus on nutrition, the skeletal system, and muscles. Students will explore how humans and some animals need the right types and amounts of nutrition, and how the skeleton provides support, protection, and movement.	Light: Learn that light is needed to see and explore how shadows are formed. Investigate how light behaves, including how it reflects and forms shadows when blocked.	Electricity: Discover how electrical circuits work, identify components of simple circuits, and experiment with bulbs, switches, and batteries. Explore conductive materials and understand how circuits are drawn with symbols.	Animals including humans: Learn about the digestive system, the functions of teeth, and food chains. Students will investigate how the body processes food and the role different teeth play in digestion.
Geography	Physical Dover Study the local geography, including the Dover coastline, chalk cliffs, valleys, and rivers. Key Skills: Learn how to locate Dover on maps and identify key physical features like rivers and cliffs.					Around the Globe Explore global geography, including continents, oceans, hemispheres, and key physical features around the world. Key Skills: Use maps and atlases to locate countries and describe global geographical features, including time zones and climate zones.
History	Roman Britain: Study the Roman invasion and occupation of Britain, including the impact of Roman technology, culture, and beliefs. Key Topics: Romanisation of Britain, the local study of Roman Canterbury or Richborough Roman Fort, and the differences between rich and poor in Roman society. Key Skills: Use timelines to understand the Roman period, explore primary and secondary sources, and learn about the significance of Roman advancements in Britain.			The Maya: Explore the ancient Mayan civilisation around 900 AD, focusing on their culture, religion, and the city of Teotihuacan. Key Topics: Mayan art, religion, and the impact of an unknown event on their civilisation. Key Skills: Use timelines to place the Mayan civilisation in history, compare Mayan culture with British history, and use historical enquiry to study Mayan life.		
RE	Age 7-9 Sikhism Enquiry 1 Does joining the Khalsa make someone a better Sikh?	Age 7-8 Christianity Autumn 2 Has Christmas lost its true meaning?	Age 7-8 Christianity Spring 1 Could Jesus heal people? Did He perform miracles or was there some other explanation?	Age 7-8 Christianity Spring 2 What is 'good' about Good Friday?	Age 7-9 Sikhism Enquiry 2 Do Sikhs think it is important to share?	Age 7-9 Hinduism (Sanatana Dharma SD) Enquiry 1 Does visiting the River Ganges make a person a better Sanatani?
PSHE	Age 7-8 BM (Being Me in My World) 'Who am I and how do I fit?' <i>Setting personal goals Self-identity and worth Positivity in challenges Rules, rights and responsibilities Rewards and consequences Responsible choices Seeing things from others' perspectives</i>	Age 7-8 CD (Celebrating Difference) Respect for similarity and difference. Anti-bullying and being unique. <i>Families and their differences Family conflict and how to manage it (child-centred) Witnessing bullying and how to solve it Recognising how words can be hurtful Giving and receiving compliments</i>	Age 7-8 DG (Dreams and Goals) Aspirations, how to achieve goals and understanding the emotions that go with this. <i>Difficult challenges and achieving success Dreams and ambitions New challenges Motivation and enthusiasm Recognising and trying to overcome obstacles Evaluating learning processes Managing feelings Simple budgeting</i>	Age 7-8 HM (Healthy Me) Being and keeping safe and healthy. <i>Exercise Fitness challenges Food labelling and healthy swaps Attitudes towards drugs Keeping safe and why it's important online and off line scenarios Respect for myself and others Healthy and safe choices</i>	Age 7-8 RL (Relationships) Building positive, healthy relationships. <i>Family roles and responsibilities Friendship and negotiation Keeping safe online and who to go to for help Being a global citizen Being aware of how my choices affect others Awareness of how other children have different lives Expressing appreciation for family and friend.</i>	CM (Changing Me) Coping positively with change. Year 3's and 4's to be taught separately. Year 3's to cover age 7-8 CM unit with TA. Year 4 to cover 8-9 CM unit with teacher
Computing	Events and Actions in Programs - PG Focus on how events trigger actions in programs, creating interactive elements in coding projects.	The Internet Learn how the internet works, including web navigation, sharing information, and online safety.	Audio Editing Explore how to record, edit, and combine audio clips to create a finished audio project.	Repetition in Shapes - PG Use programming loops to create repeated patterns and shapes in coding.	Photo Editing Learn to edit photos by adjusting brightness, contrast, and applying effects, enhancing image quality.	Data Logging Collect and analyze data using digital tools, learning how to record and interpret data over time.
Art			Andy Goldsworthy & Gormley (Art): Focus: Study the works of land artist Andy Goldsworthy and sculptor Antony Gormley. Key Learning: Create art using natural materials inspired by Goldsworthy's work. Explore how Gormley uses the human body as inspiration for sculptures. Students will develop sculptures and land art, focusing on form, shape, and texture	The Maya		
DT					Bridge Bonanza (DT): Focus: Learn about designing and building strong, stable structures like bridges. Key Learning: Explore different types of bridges and the principles of strength and stability. Students design, build, and test their own bridge models using various materials, applying knowledge from maths and science to enhance their designs	Around the Globe
Music	Weekly sessions provided through our SingUp! Scheme.		Edward Elgar and Glass Students explore the contrasting musical styles of Edward Elgar and Philip Glass. They study Elgar's orchestral works, such as the Enigma Variations, where music represents people and events, and learn to compose music inspired by sounds. Meanwhile, they delve into Philip Glass's minimalist style, focusing on repetition and rhythm. This unit highlights both classical and minimalist approaches to music.	Weekly sessions provided through our SingUp! Scheme.		
PE	Across the year, we will cover: athletics, gymnastics, dance, invasion games and net games. We will also focus on sportsmanship and team work, as well as linking sport to healthy lifestyles. Our PE sessions this year will take place on Wednesday. Earrings need to be removed for PE and hair needs to be tied back.					
Homework	Homework this year will be set weekly on a Friday. Maths homework will be set on Times Table Rockstars and English homework will be set weekly on Rollama. The children will have individual logins for these websites, which will be sent home with the children.					