

## Y5/6 Summer Term Cycle A Curriculum on a Page

### Maths

We will be learning how to confidently multiply and divide numbers up to four digits, including using short division, interpreting remainders and multiplying or dividing by 10, 100 and 1000. We will apply these skills to solve a range of problems, using our understanding of factors, multiples, scaling and simple fractions. We will identify and use multiples, factors, common factors and prime numbers, as well as recognise square and cube numbers and represent them using arrays. We will also deepen our understanding of number by using the correct mathematical vocabulary and applying our knowledge of factors, multiples, squares and cubes to solve problems involving all four operations.

### Computing

We will be learning how to design and create programs that use inputs, outputs and variables, including running them on controllable devices. We will explore how selection and conditional statements control the flow of a program, and how variables can improve a game.

### RE

We will be learning about Christian, Humanist and Islamic beliefs by exploring how different groups understand creation, science and belonging.

### Reading and Writing

We will be learning through rich texts such as *The Mystery of the Clockwork Sparrow*, *Frankenstein*, *The Girl of Ink and Stars* and *So You Think You've Got It Bad?*, creating writing outcomes including reports, persuasive pieces and narratives. We will develop our writing by linking ideas clearly across paragraphs, choosing appropriate levels of formality, and using cohesive devices, varied sentence structures, figurative language and precise vocabulary. In reading, we will work with a range of extracts to identify main ideas, summarise effectively, make inferences from language and context, and support our views with evidence and explanation. We will also explore author viewpoint.



### DT

We will be learning how to join different fabrics effectively by designing and making a functional textile product. We will research ideas, develop designs through drawings and prototypes, plan the materials we need and use tools carefully to create a well-finished item. We will also learn about how to strengthen 3D textiles.

### PE




We will build strength, balance and flexibility through yoga, learning to link poses smoothly and improve sequences. In rounders and cricket, we will develop accurate throwing, catching and bowling skills, understand key roles and work together to use effective tactics.

### Science

We will be learning how the circulatory system works, including the roles of the heart, blood vessels and blood, and how nutrients and water are transported around the body. We will explore how diet, exercise, lifestyle and drugs affect how our bodies function, and describe the changes humans experience as they grow and age. Throughout the unit, we will investigate scientifically by using equipment carefully, taking accurate measurements and repeating readings when needed to ensure reliable results.



### History and Geography

We will study Ancient Egypt  everyday life, compare it with other civilisations and with life today, and use historical evidence to judge the significance of key events, people and developments. We will be learning how natural resources are distributed globally by studying places such as Australia, Las Vegas and Russia, and exploring whether all countries have equal opportunities, while developing or map skills and learning new vocabulary like hemisphere, longitude and latitude.

### MFL

We will learn to talk and write about our hobbies by asking and answering questions, giving opinions and saying when we do different activities. We will use key classroom phrases, answer the register and read and

### Music



We will develop our musical skills by using dynamics, tempo and timbre with increasing precision, improving our instrumental playing and rehearsing effectively for performance. We will develop our notation.

### PSHE and My Happy Minds

We will learn how to be our best by using the *5 ways to wellbeing*, setting goals and understanding how our choices, feelings and brain responses affect us. We will explore risks, basic first aid and how to get help in an emergency. We will also learn about growing and changing, including puberty, relationships and how babies are made and born. Alongside this, we will develop teamwork, perseverance and goal-setting skills, and in Year 6 apply them to transition by managing worries and using our strengths.

### British Values

We will learn how to make good choices, respect others and take responsibility for our actions. Through learning about Ancient Egypt and world religions, we will explore different beliefs and why they matter, helping us develop tolerance and understanding.



Please see our detailed key learning breakdown for these subjects on our website: <https://wickham-primary.co.uk/teaching-learning/curriculum/>