



The Creative Learning Journey Animal Kingdom

Wow Starter: The children will be creating their own theme park to write about over the coming weeks,



MATHEMATICS AND COMPUTING

Number - addition and subtraction UKS2

• m164 add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Number - multiplication and division UKS2

• m171 multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
• m174 multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
• m177 solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Number - fractions (including decimals and percentages) UKS2

• m188 solve problems involving number up to three decimal places

Geometry - position and direction UKS2

• m207 identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Statistics UKS2

• m208 solve comparison, sum and difference problems using information presented in a line graph
• m209 complete, read and interpret information in tables, including timetables.

Number - fractions (including decimals and percentages) UKS2

• m223 use common factors to simplify fractions; use common multiples to express fractions in the same denomination
• m229 identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places
• m230 multiply one-digit numbers with up to two decimal places by whole numbers

• m231 use written division methods in cases where the answer has up to two decimal places

Ratio and proportion UKS2

• m234 solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
• m235 solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
• m236 solve problems involving similar shapes where the scale factor is known or can be found
• m237 solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Geometry - properties of shapes UKS2

• m253 illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius

Geometry - position and direction UKS2

• m259 describe positions on the full coordinate grid (all four quadrants)
• m256 draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Statistics UKS2

• m257 interpret and construct pie charts and line graphs and use these to solve problems
• m258 calculate and interpret the mean as an average.

UKS2

• co44 I can use a variety of digital devices (including the internet) to create programs to collect, analyse and evaluate data
• co45 I can use a variety of software to present data and information (including combining images and text, multi-media presentations and data-bases)

COMMUNICATION AND LANGUAGE

UKS2

• fl1 I can understand what is being said to me and respond correctly
• fl4 I can speak in grammatically correct sentences

• fl5 I can pronounce words correctly so that I am understood
• fl11 I can speak and write about everyday life
• fl12 I know that some words are governed by gender

UNDERSTANDING THE WORLD

Working scientifically UKS2

• sc85 identifying scientific evidence that has been used to support or refute ideas or arguments.

Living things and their habitats UKS2

• sc86 describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
• sc87 describe the life process of reproduction in some plants and animals.

Living things and their habitats UKS2

• sc102 describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
• sc103 give reasons for classifying plants and animals based on specific characteristics.



In maths this term, children will be learning the following skills:

- Statistics
- Ratio and proportion
- Formal methods
- Multiplying and dividing decimals
- Position, direction and movement

In computing, children will be programming their own databases to present information they have researched about animals.

In French this term children will be learning how to discuss and describe animals. Mademoiselle Sturgeon will be encouraging good accents and developing their vocabulary.

Animal Kingdom

Children will create their own animal theme park! They will use this as inspiration to create a leaflet to advertise their park, and write a letter of complaint about a series of problems that occur during a trip to their theme park!

Year 5 will be going swimming at Spiceball Park on Mondays. They will also be doing cricket with Club Energy every Friday.

Year 6 will be playing Rounders on Mondays with Mrs Di Giorno, and playing cricket with Club Energy on Fridays.

In science this term, children will be learning how to classify animals based on their characteristics and features. They will use observable features to group animals and plants. They will be classifying into kingdoms, vertebrates, invertebrates and classes.

They will also learn about the life cycles of amphibians, birds and insects.

In DT we will be collaborating to make a wall hanging. This project will involve designing, making and evaluating a design using different fabrics and stitching techniques. Children will have the opportunity to use hand stitching techniques as well as machine stitching. The square will be combined to create a wall hanging. This piece of work will represent one of our Christian values and links to the work done in Spring term 2.

OUTDOOR LEARNING

The children in Year 5 will be classifying plants in the local area and will be using their knowledge of animal kingdoms to encourage wildlife into our school grounds.

Year 5 will be working towards their SkillForce award.

LITERACY

Reading - word reading UKS2

• e200 apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), as listed in English Appendix 1, both to read aloud and to understand the meaning of new words that they meet.

Reading - comprehension UKS2

• e203 reading books that are structured in different ways and reading for a range of purposes
• e204 increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions
• e207 making comparisons within and across books
• e211 checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
• e212 asking questions to improve their understanding
• e215 summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
• e217 discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
• e222 provide reasoned justifications for their views.

Writing - composition UKS2

• e234 identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own

• e235 noting and developing initial ideas, drawing on reading and research where necessary
• e238 selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
• e241 using a wide range of devices to build cohesion within and across paragraphs
• e242 using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]
• e244 assessing the effectiveness of their own and others' writing
• e245 proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning

• e246 ensuring the consistent and correct use of tense throughout a piece of writing
• e247 ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and others' writing
• e248 proof-read for spelling and punctuation errors

Writing - vocabulary, grammar and punctuation UKS2

• e252 using passive verbs to affect the presentation of information in a sentence
• e253 using the perfect form of verbs to mark relationships of time and cause
• e262 using semi-colons, colons or dashes to mark boundaries between independent clauses

PHYSICAL EDUCATION

UKS2

• pe12 I can play competitive net, striking, fielding and invasion games
• pe13 I can identify the techniques I need to practice to improve my strength and performance in athletic activities

• pe17 I can swim unaided in a recognised style over a distance of 25m
• pe17.1 I can swim at least two strokes in a recognised style
• pe17.2 I can demonstrate self-rescue skills

Swimming and water safety UKS2

EXPRESSIVE ARTS AND DESIGN

UKS2

• ad17 I can describe the range of materials I have used since being in KS1

Design UKS2

• dt57 I can communicate my ideas through annotated sketches
• dt60 I can make pattern pieces for my design

Make UKS2

• dt62 I can select and use appropriate tools and techniques for my product
• dt63 I can measure, mark, cut and shape a range of materials accurately
• dt65 I can use appropriate finishing techniques to strengthen and improve the appearance of my product

• dt66 I can describe the properties of a variety of materials including construction materials, textiles and ingredients and explain my choices in relation to these properties
• dt67 I can discuss the aesthetic qualities of my product in relation to the properties of the materials etc I am intending to use

Evaluate UKS2

• dt70 I have asked for the views of others, especially the intended users, to help to improve my design