



UNDERSTANDING THE WORLD

Working scientifically LKS2

- **sc31** During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:
- **sc32** asking relevant questions and using different types of scientific enquiries to answer them
- **sc33** setting up simple practical enquiries, comparative and fair tests
- **sc34** making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- **sc36** recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables

- **sc37** reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- **sc38** using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

Animals, including humans LKS2

- **sc64** describe the simple functions of the basic parts of the digestive system in humans
- **sc65** identify the different types of teeth in humans and their simple functions
- **sc66** construct and interpret a variety of food chains, identifying producers, predators and prey.

Look at teeth in detail - types of and their jobs. Interactive game and use foam tooth to demonstrate parts of a tooth.
The egg investigation - what happens to the eggshell in different liquids and compare to enamel on teeth
Study the digestive system by looking at a practical demonstration with hosepipe etc
Children to write the process in their own words
Story of a meatball as an extension!
Food chains - whole class to be part of various food chains and one to be the sun - all to have a part to play in showing how they work
Interactive food chain game.
Viking names for the different organs of the body - e.g blood pumper or oxygen sorters etc

Display of organ diagrams with Viking name labels
Prepared using a variety of art resources.

Singing sessions with Inspiring music - every Thursday for 10 weeks#

Cookery lessons with Kiddycook - 5 Monday afternoons
Food preparation, diet and savoury recipes

MATHEMATICS AND COMPUTING

Number - number and place value LKS2

- **m116** count in multiples of 6, 7, 9, 25 and 1000
- **m117** find 1000 more or less than a given number
- **m118** count backwards through zero to include negative numbers
- **m120** order and compare numbers beyond 1000
- **m122** round any number to the nearest 10, 100 or 1000

Number - multiplication and division LKS2

- **m128** recall multiplication and division facts for multiplication tables up to 12 x 12
- **m131** multiply two-digit and three-digit numbers by a one-digit number using formal written layout

Number - fractions (including decimals) LKS2

- **m135** solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- **m136** add and subtract fractions with the same denominator

Measurement LKS2

- **m146** estimate, compare and calculate different measures, including money in pounds and pence

Geometry - properties of shapes LKS2

- **m150** identify acute and obtuse angles and compare and order angles up to two right angles by size
- **m152** complete a simple symmetric figure with respect to a specific line of symmetry.

LKS2

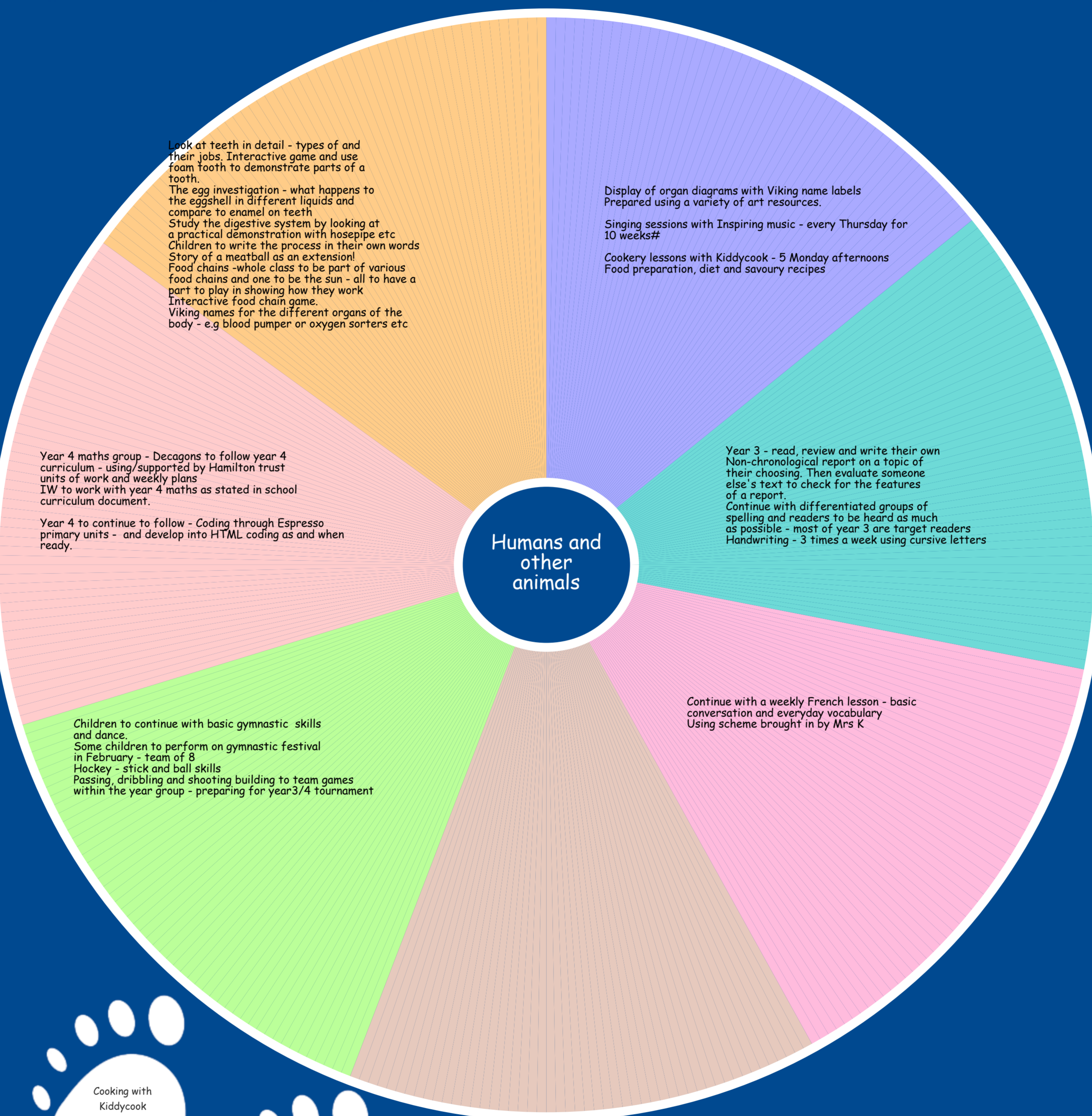
- **co14** I can design, write and debug simple programs to control or simulate physical systems
- **co15** I can solve problems by breaking them down into progressive steps
- **co16** I am aware that programs follow a sequence from one instruction to the next
- **co19** I know that a variable is a piece of stored information (numbers or a 'string' i.e. a sequence of characters)
- **co23** I understand internal computer networks (intranet) and external networks (internet) and the opportunities they provide
- **co24** I can use search technologies effectively
- **co25** I am aware that information from some sources may not be accurate

PHYSICAL EDUCATION

LKS2

- **pe4.1** I can explain how developing my skills separately has improved my performance in team games
- **pe5** I can play competitive net, striking, fielding and invasion games
- **pe5.1** I can describe both attacking and defending tactics and strategies and begin to apply them

- **pe7** I can respond to music to create and perform dances, on my own or with a group, that incorporate a range of more complex, controlled and precise movements



EXPRESSIVE ARTS AND DESIGN

Cooking and nutrition LKS2

- **dt49** I can describe a healthy diet and explain its importance
- **dt50** I can prepare a variety of savoury meals
- **dt51** I can use a variety of cooking techniques
- **dt53** I can talk about the way crops and animals are grown and produce is obtained from the sea

LKS2

- **mu11** I can sing in a group, or on my own, with expression, awareness of others and in tune
- **mu16** I can listen carefully and perform accurately from memory

LITERACY

Reading - word reading LKS2

- **e135** apply their growing knowledge of root words, prefixes and suffixes (etymology and morphology) as listed in English Appendix 1, both to read aloud and to understand the meaning of new words they meet
- **e136** read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.

Reading - comprehension LKS2

- **e137** develop positive attitudes to reading and understanding of what they read by:
- **e138** listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- **e139** reading books that are structured in different ways and reading for a range of purposes
- **e142** identifying themes and conventions in a wide range of books
- **e147** checking that the text makes sense to them, discussing their understanding and explaining the meaning of words in context

Writing - transcription - Spelling LKS2

- **e155** use further prefixes and suffixes and understand how to add them (English Appendix 1)
- **e157** spell words that are often misspelt (English Appendix 1)

Writing - handwriting LKS2

- **e161** use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined

- **e162** increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch].

Writing - composition LKS2

- **e165** discussing and recording ideas
- **e166** draft and write by:
- **e168** organising paragraphs around a theme
- **e169** in narratives, creating settings, characters and plot
- **e170** in non-narrative material, using simple organisational devices [for example, headings and sub-headings]
- **e171** evaluate and edit by:
- **e172** assessing the effectiveness of their own and others' writing and suggesting improvements

Writing - vocabulary, grammar and punctuation LKS2

- **e176** develop their understanding of the concepts set out in English Appendix 2 by:
- **e177** extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- **e180** using conjunctions, adverbs and prepositions to express time and cause
- **e186** using and punctuating direct speech

COMMUNICATION AND LANGUAGE

LKS2

- **fl1** I can understand what is being said to me and respond correctly
- **fl2.1** I can spell and pronounce the words correctly in the songs and poems I know
- **sl13** listen and respond appropriately to adults and their peers

- **sl14** ask relevant questions to extend their understanding and knowledge
- **sl15** use relevant strategies to build their vocabulary

PSED & RELIGIOUS EDUCATION

PSED Preparing to play an active role as citizens LKS2

- **pa24** To continue to develop skills to take part in small discussions about community issues.
- **pa25** Continue to value contributions of others in discussion.
- **pa28** Identify reasons about why rules are needed.
- **pa30** Distinguish between accidental and deliberate actions.

PSED Developing a healthy, safer lifestyle LKS2

- **ph15** Behave safely and responsibly in different situations.
- **ph16** Follow school rules about health and safety, basic emergency aid procedures and where to get help.

Humans and other animals - Stage Coverage

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LKS2

- **co14** design, write and debug programs, controlling or simulating physical systems
- **co15** solve problems by decomposing them into smaller parts
- **co16** use sequence in programs
- **co19** use programs with variables
- **co23** understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration
- **co24** use search technologies effectively
- **co25** be discerning in evaluating digital content

PHYSICAL EDUCATION

LKS2

- **pe4.1** use running, jumping, throwing and catching in combination
- **pe5** play competitive games, modified where appropriate
- **pe5.1** play competitive games and apply basic principles suitable for attacking and defending
- **pe7** perform dances using a range of movement patterns

EXPRESSIVE ARTS AND DESIGN

Cooking and nutrition LKS2

- **dt49** understand and apply the principles of a healthy and varied diet
- **dt50** prepare and cook a variety of predominantly savoury dishes
- **dt51** cook using a range of cooking techniques
- **dt53** know where and how a variety of ingredients are grown and/or caught

LKS2

- **mu11** perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression
- **mu16** listen with attention to detail and recall sounds with increasing aural memory

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COMMUNICATION AND LANGUAGE

LKS2

- **fl1** listen attentively to spoken language and show understanding by joining in and responding
- **fl2.1** link the spelling, sound and meaning of words
- **sl13** listen and respond appropriately to adults and their peers
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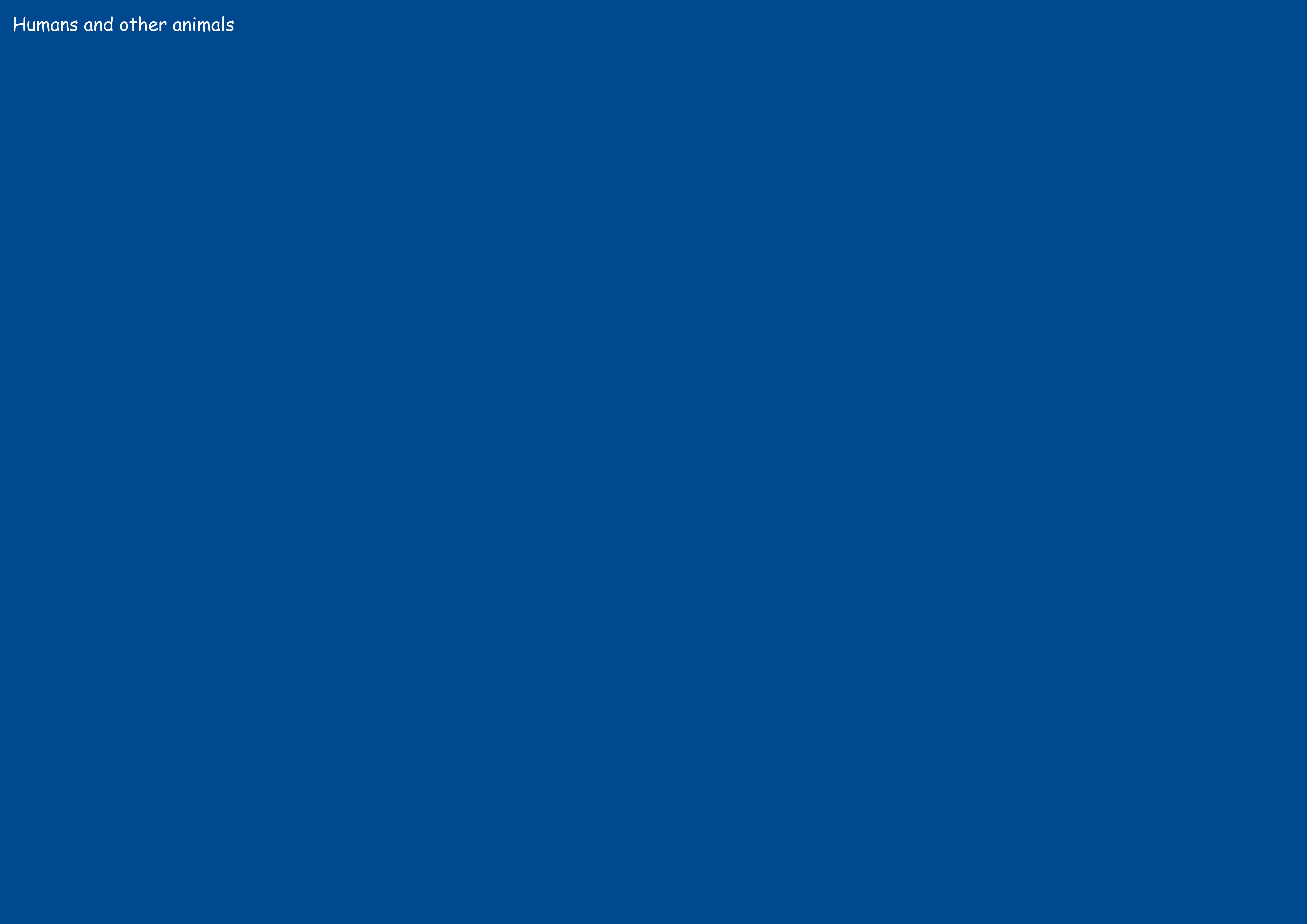
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