



Wow Starter: Mind map - what do you know about what goes on insides your body?
Which organs do you know and what do they

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
- **sc35** gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- **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

• **sc40** using straightforward scientific evidence to answer questions or to support their findings.

Living things and their habitats LKS2

- **sc61** recognise that living things can be grouped in a variety of ways
- **sc62** explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- **sc63** recognise that environments can change and that this can sometimes pose dangers to living things.

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.

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
- **m119** recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- **m120** order and compare numbers beyond 1000
- **m121** identify, represent and estimate numbers using different representations
- **m122** round any number to the nearest 10, 100 or 1000
- **m124** read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.

Number - addition and subtraction LKS2

- **m125** add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

Number - multiplication and division LKS2

- **m128** recall multiplication and division facts for multiplication tables up to 12 x 12
- **m130** recognise and use factor pairs and commutativity in mental calculations
- **m131** multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- **m132** solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Number - fractions (including decimals) LKS2

- **m133** recognise and show, using diagrams, families of common equivalent fractions
- **m134** count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

- **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
- **m137** recognise and write decimal equivalents of any number of tenths or hundredths
- **m138** recognise and write decimal equivalents to 1/4, 1/2, 3/4
- **m140** round decimals with one decimal place to the nearest whole number
- **m141** compare numbers with the same number of decimal places up to two decimal places

Measurement LKS2

- **m143** Convert between different units of measure [for example, kilometre to metre; hour to minute]
- **m144** measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- **m145** find the area of rectilinear shapes by counting squares
- **m146** estimate, compare and calculate different measures, including money in pounds and pence
- **m147** read, write and convert time between analogue and digital 12- and 24-hour clocks

LKS2

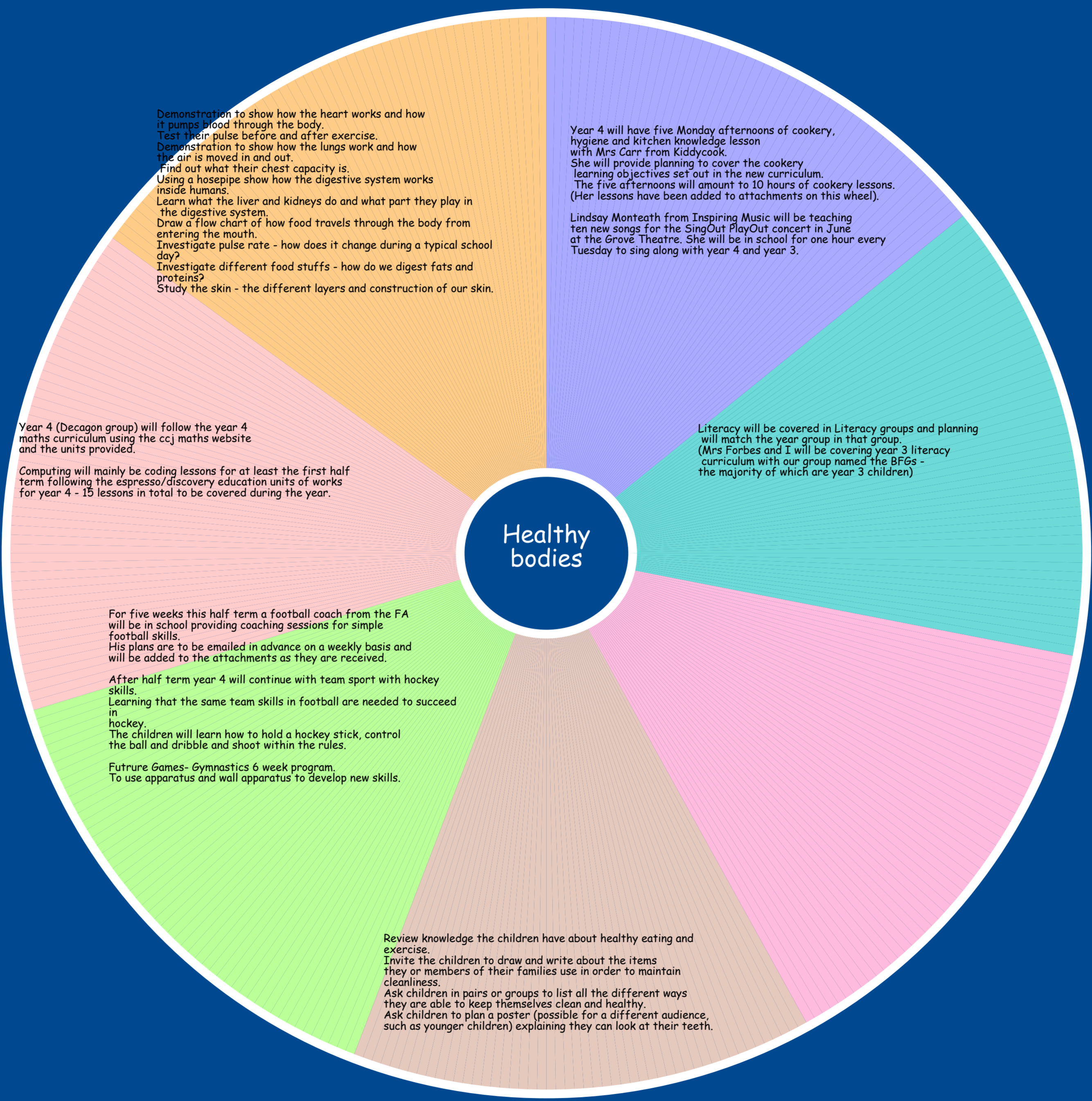
- **co14** I can design, write and debug simple programs to control or simulate physical systems
- **co15** I can solve problems by breaking them down into progressive steps
- **co16** I am aware that programs follow a sequence from one instruction to the next
- **co30** I know what is acceptable content and behaviour on the internet and what to do if I am, or any of my friends are, a victim of any inappropriate on-line behaviour

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

- **pe6.1** I can perform fluent gymnastics sequences to demonstrate my control and balance
- **pe9.1** I can show you how I have improved in different activities over time



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
- **dt52** I can that foods are seasonal and can give examples

- **dt53** I can talk about the way crops and animals are grown and produce is obtained from the sea
- **dt54** I can describe how some foods are processed

LKS2

- **mu11** I can sing in a group, or on my own, with expression, awareness of others and in tune

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.

- **e153** retrieve and record information from non-fiction
- **e154** participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say.

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
- **e140** using dictionaries to check the meaning of words that they have read
- **e141** increasing their familiarity with a wide range of books, including fairy stories, myths and legends, and retelling some of these orally
- **e149** drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- **e150** predicting what might happen from details stated and implied
- **e152** identifying how language, structure, and presentation contribute to meaning

Writing - transcription - Spelling LKS2

- **e159** use the first two or three letters of a word to check its spelling in a dictionary
- **e160** write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.

Writing - handwriting LKS2

- **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

- **e163** plan their writing by:
- **e164** discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
- **e166** draft and write by:
- **e169** in narratives, creating settings, characters and plot

COMMUNICATION AND LANGUAGE

LKS2

- **fl1** I can understand what is being said to me and respond correctly
- **fl2** I can sing songs and say poems in another language and know what the words mean
- **fl3** I can have a conversation including asking and answering questions
- **fl3.2** I can ask for clarification of information or for help
- **fl4** I can speak in grammatically correct sentences
- **fl5** I can pronounce words correctly so that I am understood

- **fl10** I can write phrases from memory
- **fl12** I know that some words are governed by gender
- **sl13** listen and respond appropriately to adults and their peers
- **sl14** ask relevant questions to extend their understanding and knowledge
- **sl22** gain, maintain and monitor the interest of the listener(s)
- **sl23** consider and evaluate different viewpoints, attending to and building on the contributions of others

PSED & RELIGIOUS EDUCATION

O LKS2

- Food and healthy living
- Exercise and leisure
- Caring for my body
- Body changes

- **pa26** Continue to develop negotiating strategies.
- **pa32** To realise the consequences of anti social and aggressive behaviours, such as bullying and racism, on individuals and communities.

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

PSED Developing a healthy, safer lifestyle LKS2

- **ph18** To increase awareness of personal bodily hygiene.

Healthy bodies - 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
- **co30** recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

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
- **pe6.1** develop flexibility, strength, technique, control and balance, for example gymnastics
- **pe9.1** demonstrate improvement

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
- **dt52** understand seasonality
- **dt53** know where and how a variety of ingredients are grown and/or caught
- **dt54** know where and how a variety of ingredients are processed.

LKS2

- **mu11** perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression

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COMMUNICATION AND LANGUAGE

LKS2

- **fl1** listen attentively to spoken language and show understanding by joining in and responding
- **fl2** explore the patterns and sounds of language through songs and rhymes
- **fl3** engage in conversations; ask and answer questions
- **fl3.2** engage in conversations and seek clarification and help
- **fl4** peak in sentences, using familiar vocabulary, phrases and basic language structures
- **fl5** develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- **fl10** write phrases from memory, and adapt these to create new sentences, to express ideas clearly
- **fl12** understand basic grammar appropriate to the language being studied, including (where relevant): feminine, masculine and neuter forms
- **sl13** listen and respond appropriately to adults and their peers
- **sl14** ask relevant questions to extend their understanding and knowledge
- **sl22** gain, maintain and monitor the interest of the listener(s)
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