



Wow Starter: Matching/ordering activity with bridge facts.

Final Event: Trip to discovery museum.

UNDERSTANDING THE WORLD

Animals, including humans LKS2

- **sc45** identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- **sc46** identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Living things and their habitats LKS2

- **sc61** recognise that living things can be grouped in a variety of ways

Animals, including humans LKS2

- **sc64** describe the simple functions of the basic parts of the digestive system in humans

Location knowledge LKS2

- **ge31** I can name and locate the counties and major cities in the UK
- **ge32** I can talk about the human and physical characteristics of some of the geographical regions of the UK
- **ge33** I can identify key topographical features of the UK (e.g. hills, coastal features, rivers, mountain ranges etc)
- **ge34** I can identify patterns of land-use and describe how these shape the landscape
- **ge35** I know how and why human and physical features in the landscape change over time (e.g. river courses or patterns of settlement)

Place knowledge LKS2

- **ge38** I can describe the geographical similarities and differences of the physical features of contrasting locations in the UK, Europe and a region of North and South America

Human and physical geography LKS2

- **ge40** I understand physical geography in relation to rivers, mountains, volcanoes and earthquakes
- **ge41** I understand the water cycle
- **ge42** I understand human geography in relation to types of settlement and land-use

- **ge43** I can talk about goods and produce; where it is sold and how it is transported and how trading nations are interdependent.
- **ge44** I can talk about natural resources including energy, food, minerals and water and their importance nationally and globally
- **ge45** I can explain why the distribution of natural resources is important both within the UK and worldwide

Geographical skills and fieldwork LKS2

- **ge46** I can use a variety of paper-based and digital resources to locate and identify places and features around the world
- **ge47** I can read and understand eight points of a compass
- **ge48** I can use four and six figure grid references
- **ge49** I understand keys and the symbols on an O.S. map
- **ge50** I have done a local study which included the digital collection and presentation of data as well as drawing sketch maps and plans to support my observations

Core Skills across the Key Stage LKS2

- **hi18** I can place events, people and changes into correct periods of time (British, local and world history)
- **hi19** I can describe key features and events in the periods and societies I have studied
- **hi20** I can recognise similarities and differences between periods of time
- **hi21** I can use a range of appropriate historical vocabulary including abstract terms such as 'empire' or 'peasantry'
- **hi24** I can draw informed conclusions by using a range of research skills
- **hi25** I can produce structured work from an appropriate range of resources relevant to the focus of enquiry
- **hi26** can use sources of information, including ICT, to find out about events, people and changes in the past

MATHEMATICS AND COMPUTING

Number - number and place value LKS2

- **m80** count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- **m81** recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
- **m82** compare and order numbers up to 1000
- **m83** identify, represent and estimate numbers using different representations
- **m84** read and write numbers up to 1000 in numerals and in words
- **m85** solve number problems and practical problems involving these ideas.

Number - addition and subtraction LKS2

- **m86** add and subtract numbers mentally, including:
- **m87** a three-digit number and ones
- **m88** a three-digit number and tens
- **m89** a three-digit number and hundreds
- **m90** add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- **m91** estimate the answer to a calculation and use inverse operations to check answers
- **m92** solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Number - number and place value LKS2

- **m117** find 1000 more or less than a given number
- **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
- **m122** round any number to the nearest 10, 100 or 1000
- **m123** solve number and practical problems that involve all of the above and with increasingly large positive numbers

Number - addition and subtraction LKS2

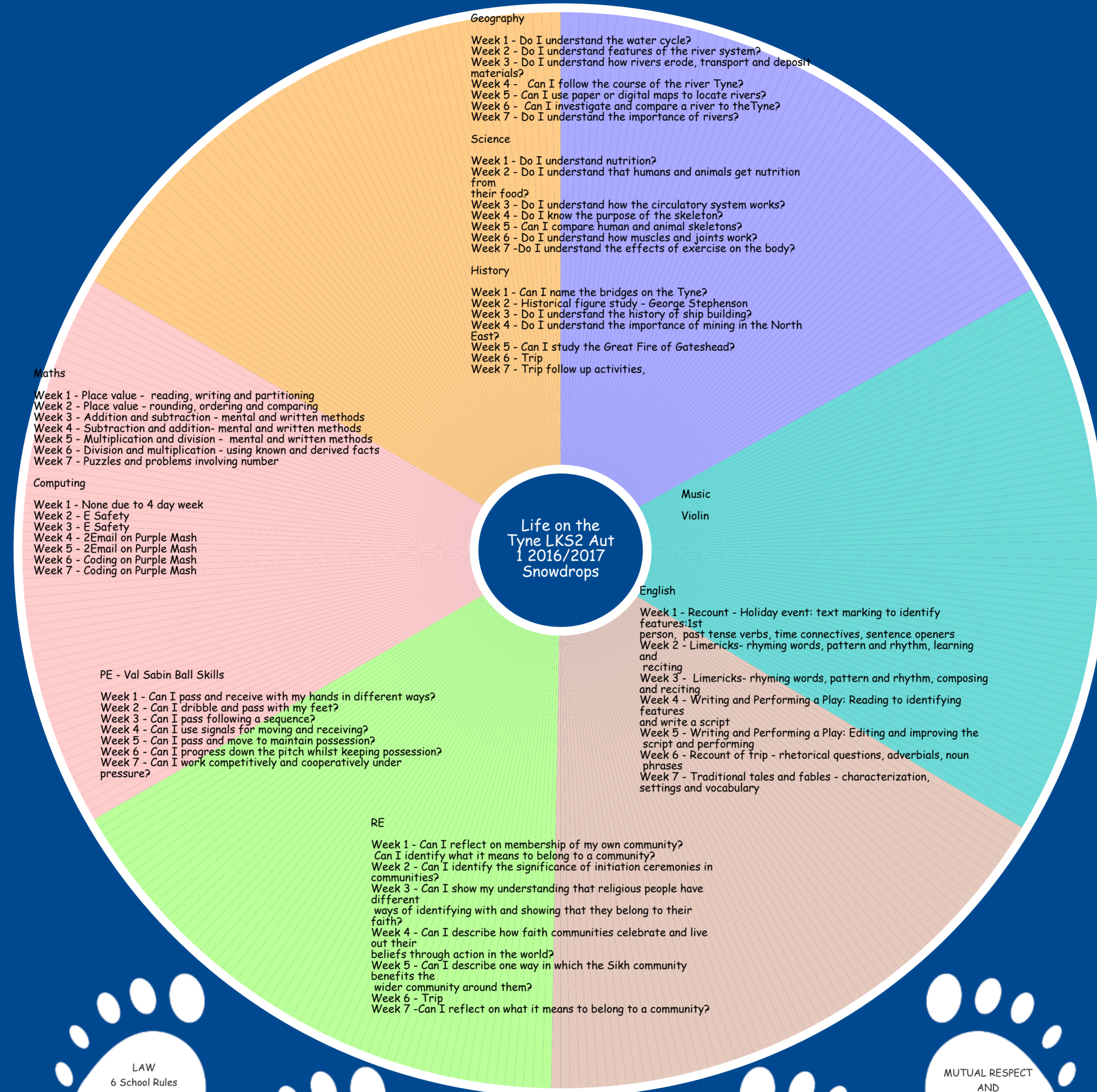
- **m125** add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- **m126** estimate and use inverse operations to check answers to a calculation
- **m127** solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

Number - multiplication and division LKS2

- **m128** recall multiplication and division facts for multiplication tables up to 12 x 12
- **m129** use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- **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

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
- **co24** I can use search technologies effectively
- **co25** I am aware that information from some sources may not be accurate
- **co26** I understand that some sources are biased
- **co29** I know the rules for keeping safe on the internet and how to be a responsible internet user
- **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



EXPRESSIVE ARTS AND DESIGN

LKS2

- **ad10** I can show in my sketch book how I have developed techniques and ideas

LKS2

- **mu11** I can sing in a group, or on my own, with expression, awareness of others and in tune
- **mu12** I can play instruments with accuracy and control
- **mu13** I can play instruments with fluency and expression to reflect the intentions of the music
- **mu16** I can listen carefully and perform accurately from memory
- **mu17** I can perform from simple, standard notation
- **mu18** I can use standard notation in my compositions

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

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
- **e144** discussing words and phrases that capture the reader's interest and imagination
- **e152** identifying how language, structure, and presentation contribute to meaning
- **e153** retrieve and record information from non-fiction

Reading - word reading LKS2

- **e164** discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
- **e165** discussing and recording ideas
- **e167** composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures (English Appendix 2)
- **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]
- **e174** proof-read for spelling and punctuation errors
- **e175** read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear.

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 - composition LKS2

- **e163** plan their writing by:

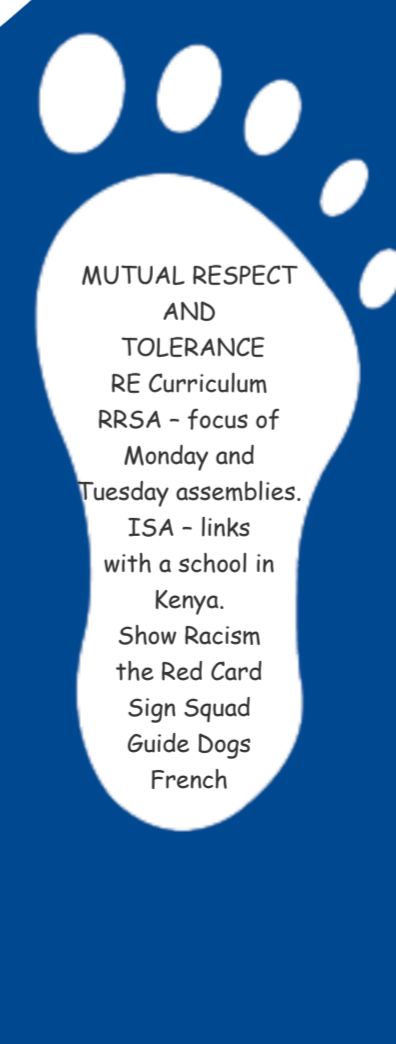
Writing - vocabulary, grammar and punctuation LKS2

- **e180** using conjunctions, adverbs and prepositions to express time and cause
- **e181** using fronted adverbials
- **e182** learning the grammar for years 3 and 4 in English Appendix 2
- **e184** using commas after fronted adverbials

PSED & RELIGIOUS EDUCATION

PSED Preparing to play an active role as citizens LKS2

- **pa21** Begin to develop negotiating strategies.



Life on the Tyne LKS2 Aut 1 2016/2017 Snowdrops - Stage Coverage

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- **sc64** describe the simple functions of the basic parts of the digestive system in humans

Location knowledge LKS2

- **ge31** name and locate counties and cities of the United Kingdom
- **ge32** name and locate geographical regions and their identifying human and physical characteristics
- **ge33** name and locate key topographical features (including hills, mountains, coasts and rivers)
- **ge34** name and locate land-use patterns
- **ge35** name human and physical characteristics and understand how some of these aspects have changed over time

Place knowledge LKS2

- **ge38** understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America

Human and physical geography LKS2

- **ge40** rivers, mountains, volcanoes and earthquakes
- **ge41** the water cycle
- **ge42** human geography, including: types of settlement and land use
- **ge43** human geography, including economic activity including trade links
- **ge44** human geography, including natural resources including energy, food, minerals and water
- **ge45** human geography, including the distribution of natural resources including energy, food, minerals and water

Geographical skills and fieldwork LKS2

- **ge46** use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- **ge47** use the eight points of a compass
- **ge48** use four and six-figure grid references
- **ge49** symbols and key (including the use of Ordnance Survey maps)
- **ge50** use fieldwork to observe, measure and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

LKS2

- **hi18** Pupils should continue to develop a chronologically secure knowledge and understanding of British, local and world history
- **hi19** Pupils should continue to establish clear narratives within and across the periods they study.
- **hi20** They should note connections, contrasts and trends over time
- **hi21** They should develop the appropriate use of historical terms.
- **hi24** They should construct informed responses that involve thoughtful selection
- **hi25** They should construct informed responses that involve organisation of relevant historical information.
- **hi26** They should understand how our knowledge of the past is constructed from a range of sources

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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
- **co24** use search technologies effectively
- **co25** be discerning in evaluating digital content
- **co26** appreciate how results are selected and ranked
- **co29** use technology safely, respectfully and responsibly
- **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
- **pe9.1** demonstrate improvement
- **pe9.2** demonstrate their personal best.

EXPRESSIVE ARTS AND DESIGN

LKS2

- **ad10** to create sketch books to record their observations and use them to review and revisit ideas

LKS2

- **mu11** perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression
- **mu12** play musical instruments with increasing accuracy
- **mu13** play and perform in solo and ensemble contexts, using their voices and playing musical instruments with fluency and expression
- **mu16** listen with attention to detail and recall sounds with increasing aural memory
- **mu17** understand staff and other musical notations
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PSED Preparing to play an active role as citizens

LKS2

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