



### UNDERSTANDING THE WORLD

#### Working scientifically LKS2

- **sc32** asking relevant questions and using different types of scientific enquiries to answer them
- **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
- **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
- **sc40** using straightforward scientific evidence to answer questions or to support their findings.

#### Electricity LKS2

- **sc75** identify common appliances that run on electricity
- **sc76** construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- **sc77** identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- **sc78** recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- **sc79** recognise some common conductors and insulators, and associate metals with being good conductors.

### 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

- **m126** estimate and use inverse operations to check answers to a calculation

#### 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

#### 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

### 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

#### Swimming and water safety LKS2

- **pe10** I can swim unaided in a recognised style over a distance of 25m
- **pe10.1** I can swim at least two strokes in a recognised style
- **pe10.2** I can demonstrate self-rescue skills

#### Swimming lesson every Tuesday morning with Year 3 a half an hour session. (10 lessons in total)

#### Sports coaching sessions for 5 Tuesdays - one hour - to learn skills in football, netball and tag rugby.

#### Year 4 will discuss and set their own classroom charter of classroom rules and every child will be given a responsible job in and around school, helping staff with the every day running of the school. Year 4 jobs list - saved in my area and copy given to head teacher.

#### Year 4 will follow the attached planning sheets from the Hamilton Trust which follow the new NC. The folder attached includes lesson plan sessions, vocabulary sheets, resource lists and activity links and worksheets. The folder can be found in the IW area under Science resources - Electricity folder.

#### Year 4 Maths group will follow the NC for year 4 - using ccj maths and the new curriculum objectives - adding, subtracting, times tables, inverse operations, rounding and introduction to roman numerals

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#### Every Weds afternoon KS2 will have an African Drumming session provided by the Inspiring Music service. These will be 10 hour practical sessions with a performance on the tenth lesson.

#### The BFG English group will focus on the year 3 curriculum in English and start by revising the phase 3 phonics. The main topic will be the Roald Dahl story 'The Witches' from where inspiration will be taken for labels, paragraphs, description, powerful words, diary writing and other forms of writing

#### 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

- **e138** listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- **e140** using dictionaries to check the meaning of words that they have read
- **e144** discussing words and phrases that capture the reader's interest and imagination

#### Writing - transcription - Spelling LKS2

- **e157** spell words that are often misspelt (English Appendix 1)
- **e159** use the first two or three letters of a word to check its spelling in a dictionary

#### 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:
- **e165** discussing and recording ideas
- **e166** draft and write by:
- **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)

#### Writing - vocabulary, grammar and punctuation LKS2

- **e178** using the present perfect form of verbs in contrast to the past tense
- **e182** learning the grammar for years 3 and 4 in English Appendix 2

### EXPRESSIVE ARTS AND DESIGN

#### LKS2

- **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
- **mu20** I can identify music from different traditions

### LITERACY

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- **e178** using the present perfect form of verbs in contrast to the past tense
- **e182** learning the grammar for years 3 and 4 in English Appendix 2

### 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.
- **pa29** Understand there are consequences when rules are broken.

- **pc30** Able to reflect on their mistakes and make amends.
- **pc31** Begin to make responsible choices and consider consequences.

#### PSED Developing a healthy, safer lifestyle LKS2

- **ph15** Behave safely and responsibly in different situations.

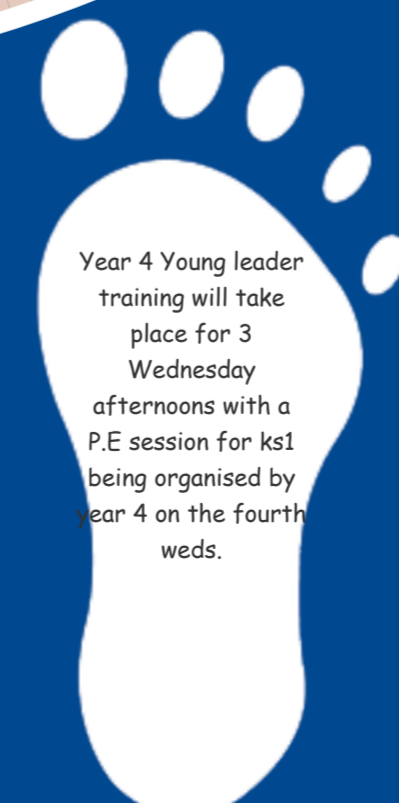
#### PSED Developing confidence and responsibility and making the most of their abilities LKS2

Electricity



### OUTDOOR LEARNING

Year 4 will have the opportunity to attend the Tudor Rose Patchwork workshop near Bedford for a morning of sewing, patchwork and craft activities.



Year 4 Young leader training will take place for 3 Wednesday afternoons with a P.E session for ks1 being organised by year 4 on the fourth weds.

African drumming every Thursday afternoon for an hour with year 3 provided by Inspiring Music service as part of the SingOut PlayOut project.

# Electricity - Stage Coverage

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- **m130** recognise and use factor pairs and commutativity in mental calculations

## 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

### Swimming and water safety LKS2

- **pe10** swim competently, confidently and proficiently over a distance of at least 25 metres
- **pe10.1** use a range of strokes effectively such as front crawl, backstroke and breaststroke
- **pe10.2** perform safe self-rescue in different water-based situations.

## EXPRESSIVE ARTS AND DESIGN

### LKS2

- **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
- **mu20** understand music drawn from different traditions

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