

Curriculum Leaflet – Year 6

Spring Term 2018

English



Reading

- Work out the meaning of words from the context
- Predict what might happen from details stated and implied
- Summarise main ideas, identifying key details and using quotations for illustrations

Writing Composition

- Create atmosphere
- Use speech to move action along
- Use different openers to link sentences and paragraphs
- Use the passive voice
- Use subordinate and embedded clauses
- Use formal language and punctuation when needed

Spelling

- Use dictionaries to check the spelling and meaning of words,
- Distinguish between homophones and other words that are often confused



Maths



Number: Decimals/ Percentages / algebra / ratio

- identify the value of each digit in numbers given to three decimal places and multiply numbers by 10, 100 and 1000 giving answers up to 3dp.
- Multiply one digit numbers with up to 2dp by whole numbers.
- Use written division methods in cases where the answer has up to two decimal places.
- Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.
- Use simple formulae
- Generate and describe linear number sequences.
- Express missing number problems algebraically.
- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

Measurement

- Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to 3dp.
- Convert between miles and kilometres.
- Recognise that shapes with the same areas can have different perimeters
- Recognise when it is possible to use formulae for area and volume of shapes.
- Calculate the area of parallelograms and triangles.

Geometry and Statistics

- Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.
- Interpret and construct pie charts and line graphs and use these to solve problems.
- Calculate the mean as an average.
- Describe positions on the full coordinate grid (all four quadrants).
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Science

Humans including animals: The Circulatory System

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on their bodies
- Describe the ways in which nutrients and water are transported within animals, including humans.

Living things and their habitats Statutory

- 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
- Give reasons for classifying plants and animals based on specific characteristics.

Topic

The theme of the topics for this Spring term is:

Extreme Earth & Power of Monarchs

We have already asked the children what they are keen to learn within the theme. We will be taking their ideas to create the topic which, where possible, will cover skills in Geography, History, Art, Design and Technology, Computing, PE and the Outdoor Environment. We are really excited about the topic and hope your children leave the classroom full of enthusiasm and keen to continue their learning at home.

How tall was
the tallest
tsunami?

Ben

How many people died
due to the actions of
Charles I?

Oscar

Physical Education (PE)

Games: Netball & Basketball Indoor: Dance – Wednesday

(PSHCE) / SEAL

Going For Goals

Good To Be Me

Religious Education

Founders of Faith and the Importance for People Today
Exploring the significance of the Buddha and Jesus in today's world, learning about their lives. Discussing the Easter Story.

MFL

Developing a love of languages through games, songs and spoken activities.
An introduction to written words and sentences.

Computing

Stocks and Shares: Children will analyse data and make decisions linked to the stock market.

Let's Learn a Language: Children will discover the importance of coding.

HOMEWORK

Please refer to your child's homework grid. **Please sign your child's Reading Record before it is handed in every Friday.**

Learning Tools

Websites to support home learning activities

<http://www.uk.safesearchkids.com/>

<http://www.teachingtables.co.uk/>

<http://www.bbc.co.uk/education/subjects/zv48q6f>

<http://resources.woodlands->

<http://www.bbc.co.uk/science/earth/>

http://news.bbc.co.uk/cbbcnews/hi/find_out/guides/tech/earthquakes/

<http://resources.woodlands-junior.kent.sch.uk/maths/>

<http://www.primaryhomeworkhelp.co.uk/literacy/>

<http://www.bbc.co.uk/schools/primaryhistory/famouspeople/>

<http://resources.woodlands-junior.kent.sch.uk/customs/questions/royal/>

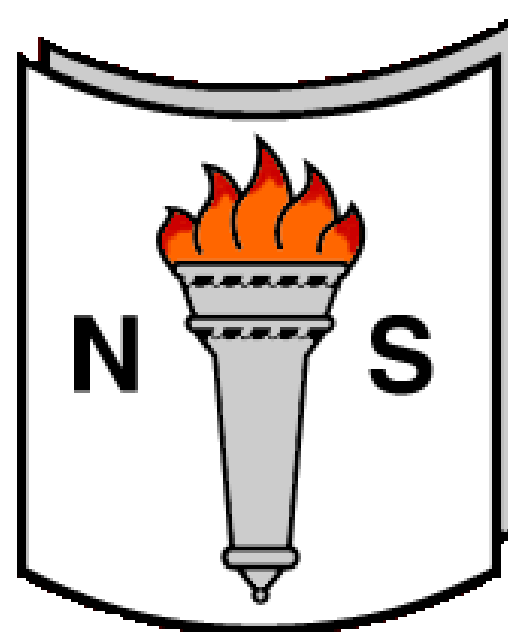
<http://www.bbc.co.uk/bitesize/ks2/science/>

Dates for Diary

- Parent Consultations – 6th and 8th March
- Athletics Festival – 25th January
- SATs & IOW Meeting – 31st January
- Choir – 27th March (afternoon performance)

We look forward to lots of fun and learning with your children this term.
We hope that you can enjoy following their learning further at home.

Curriculum Leaflet



Newberries Primary School
Year Six
Spring Term, 2018