

## Beecroft Primary School Long Term Plan Year 4

<p><b><u>Art &amp; Design</u></b></p> <ul style="list-style-type: none"><li>• Use sketchbooks to collect, record and evaluate ideas</li><li>• Improve mastery of techniques such as drawing, painting and sculpture with varied materials</li><li>• Learn about great artists, architects &amp; designers</li></ul>	<p><b><u>Computing</u></b></p> <ul style="list-style-type: none"><li>• Design &amp; write programs to achieve specific goals, including solving problems</li><li>• Use logical reasoning</li><li>• Understand computer networks</li><li>• Use internet safely and appropriately</li><li>• Collect and present data appropriately</li></ul>
<p><b><u>Design &amp; Technology</u></b></p> <ul style="list-style-type: none"><li>• Use research &amp; criteria to develop products which are fit for purpose</li><li>• Use annotated sketches and prototypes to explain ideas</li><li>• Evaluate existing products and improve own work</li><li>• Use mechanical systems in own work</li><li>• Understand seasonality; prepare &amp; cook mainly savoury dishes</li></ul>	<p><b><u>Geography</u></b></p> <ul style="list-style-type: none"><li>• Locate world's countries, focussing on Europe &amp; Americas focus on key physical &amp; human features</li><li>• Study a region of the UK (not local area)</li><li>• Use 8 points of compass, symbols &amp; keys</li><li>• Describe &amp; understand climate, rivers, mountains, volcanoes, earthquakes, water cycle, settlements, trade links, etc.</li><li>• Use fieldwork to observe, measure &amp; record</li></ul> <p>Areas of study: Mountains, volcanoes and earthquakes The water cycle (see science link). Rivers Mapping of the world's geographical features and mapping within the areas of study.</p>

<p><b><u>Modern Languages</u></b></p> <ul style="list-style-type: none"> <li>• Listen &amp; engage</li> <li>• Ask &amp; answer questions</li> <li>• Speak in sentences using familiar vocabulary</li> <li>• Develop appropriate pronunciation</li> <li>• Show understanding of words &amp; phrases</li> <li>• Appreciate stories, songs, poems &amp; rhymes</li> <li>• Broaden vocabulary</li> </ul>	<p><b><u>Music</u></b></p> <ul style="list-style-type: none"> <li>• Perform with control &amp; expression; solo &amp; in ensembles</li> <li>• Improvise &amp; compose music using a range of tuned and un-tuned instruments</li> <li>• Use ICT 2Simple music software to compose.</li> <li>• Listen to a range of music and comment on basic musical elements</li> <li>• Appreciate wide range of live &amp; recorded music</li> <li>• Begin to develop understanding of history of music</li> </ul>
<p><b><u>Physical Education</u></b></p> <ul style="list-style-type: none"> <li>• Use running, jumping, catching and throwing in isolation and in combination</li> <li>• Play competitive games, modified as appropriate</li> <li>• Develop flexibility &amp; control in gym, dance &amp; athletics</li> <li>• Compare performances to achieve personal bests <ul style="list-style-type: none"> <li>1. Tag rugby</li> <li>2. Dance</li> <li>3. Gymnastics</li> <li>4. Football</li> <li>5. Rounders</li> <li>6. Athletics</li> </ul> </li> </ul>	<p><b><u>Religious Education</u></b></p> <ul style="list-style-type: none"> <li>• Continue to follow Leeds agreed syllabus for RE</li> <li>• Hinduism &amp; Judaism (see history link)</li> <li>• Festivals of the world religions related to our pupils.</li> </ul>
<p><b><u>Science</u></b> <b><u>Biology</u></b></p>	<p><b><u>History</u></b> Areas of study:</p>

- Classify living things
- Digestive system & teeth
- Food chains

### Chemistry

- Changes of state (see geography link)
- The water cycle

### Physics

- Sound as vibrations
- Electricity: simple circuits & conductors

- Indus Valley (see geography link)
- Greeks

## **Maths**

### Number/Calculation

- Know all tables to 12 x 12
- Secure place value to 1000
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition & subtraction up to 4 digits
- Multiply & divide mentally
- Use standard short multiplication

### Geometry & Measures Compare 2-d shapes, including quadrilaterals & triangles

- Find area by counting squares
- Calculate rectangle perimeters
- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Identify symmetry
- Use first quadrant coordinates

- Introduce simple translations

### Data

- Use bar charts, pictograms & line graphs

### Fractions & decimals

- Recognise tenths & hundredths
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

### **English**

#### Reading

- Secure decoding of unfamiliar words
- Read for a range of purposes
- Retell some stories orally
- Discuss words & phrases that capture the imagination
- Identify themes & conventions
- Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify & summarise ideas

#### Writing

- Correctly spell common homophones
- Increase regularity of handwriting

- Plan writing based on familiar forms
- Organise writing into paragraphs
- Use simple organisational devices
- Proof-read for spelling & punctuation errors
- Evaluate own and others' writing
- Read own writing aloud

### Grammar

- Use wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity
- Use & punctuate direct speech
- Use commas after front adverbials

### Speaking & Listening

- Articulate & justify opinions
- Speak audibly in Standard English
- Gain, maintain & monitor interest of listeners