

# Cleves School Curriculum Map 2016

## Year 4 – Autumn Term

### ‘Discovering India’

#### Maths

##### **Number and Place Value**

- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, ones)
- Order and compare numbers beyond 1000
- Use factor pairs in mental calculations

##### **Addition and Subtraction**

- Mentally add and subtract pairs of three-digit and four-digit numbers
- Solve calculation problems involving two-step addition and subtraction in context, deciding which operations to use and why
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction

##### **Multiplication and Division**

- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

##### **Fractions and Decimals**

- Use factors and multiples to recognise equivalent fractions and simplify where appropriate
- Divide a one- or two-digit numbers by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

##### **Measure (mass, time, length)**

- Convert from larger to smaller units of metric measure
- Estimate and compare different measures, including money
- Read, write and convert time between analogue and digital 12- and 24-hour clocks

### **Properties of Shape**

- Identify lines of symmetry in 2-D shapes presented in different orientations, including where the line of symmetry does not dissect the original shape

### **Position and Direction**

- Describe positions on a 2-D grid as coordinates in the first quadrant

## **Literacy**

### **Non-chronological report**, linked to India.

The children create a character profile about *Grandpa Chatterji*, Jamila Gavin

### **Playscripts**, linked to India.

The children create a play script about *Grandpa Chatterji*, Jamila Gavin

### **Stories from other cultures**, linked to India.

The children will focus on the skills of creative writing including planning and up-leveling through writing a narrative story ending for *Paradise Carpet*, Jamila Gavin.

### **Explanation Text** linked to *Letters from Father Christmas* J.R.R. Tolkien

We examine the features and the children produce their own explanation texts.

### **Recount - Informal Letter Writing**

based on *Letters from Father Christmas* J.R.R. Tolkien.

### **Creative/ Descriptive**

linked to *Letters from Father Christmas* J.R.R. Tolkien.

Through drama the children will create a descriptive text combining action and dialogue.

### **Spelling, Punctuation and Grammar (SPaG)**

We are continuing to develop the teaching of SPaG within literacy lessons and with weekly focused differentiated lessons.

### **Guided Reading**

The children will continue to participate in daily guiding reading sessions where they complete a carousel of activities each week. The children share a book in their differentiated groups, which they read as a group to the class teacher.

**Computing**

- To create procedures using groups of instructions.
- Developing images using repeating patterns.
- Understanding and developing a database / spreadsheet.
- Coding.
- Typing skills.
- Computing and Internet safety.
- Digital Citizenship.

**Science**

**States of matter**  
(linked to Geography)

- Compare and group materials together, according to whether they are solids, liquids or gases
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

**Properties and changes of materials**  
(linked to *Letters from Father Christmas* J.R.R. Tolkien)

- Compare and group materials based on evidence from comparative and fair tests.

**PSHE**

Introduction to Rights and Responsibilities – UNICEF.  
Form a Class Charter linked to Rights and Responsibilities.  
Anti - Bullying Week

**Philosophy**

Values through Hindu Stories

**Global Citizenship**

Linked to Geography India topic.

**Geography**

**Discovering India**

To use/interpret globes, atlases and maps.

- To read and interpret the globe as a flat map.
- To locate the position of the Equator, Northern and Southern Hemispheres and the Arctic and Antarctic Circles.
- To understand similarities and differences in the human and

**Music**

*Around the World:* Exploring the pentatonic scale • Playing leaps • Reading graphic notation • Developing listening skills • Describing music using musical and non-musical terms • Composing and notating pentatonic melodies • Playing a pentatonic song with leaps • Combining tuned, untuned percussion and singing.

	<p>physical differences between a region in Britain and India</p> <ul style="list-style-type: none"> <li>• To describe and understand different types of settlement and land use.</li> <li>• To describe and understand the workings of rivers (linked to science)</li> <li>• To use a range of sources to compare the similarities and differences between the human and physical features of India</li> <li>• To complete an enquiry based learning project on India</li> </ul>	<p><i>Time:</i> • Identifying the metre of a new song • Singing in three independent parts • Playing and singing repeated patterns (ostinati) from notation  Identifying metre in a piece of music • Understanding syncopation and using off-beat rhythms in improvisation • Combining independent parts in more than one metre • Identifying how a well-known story has been told in music • Creating music which tells a story</p>
<p style="text-align: center;"><b><u>Art</u></b></p> <p><b>Rangoli inspired repeated block relief printing, linked to India</b></p> <p>Children will design their own repeated pattern based on Rangoli, which they then turn into polystyrene printing blocks.</p> <p>These are used to 'print' their own material ready for making waistcoats.</p> <p>The children will also experiment with paste resist (Batik)</p>	<p style="text-align: center;"><b><u>PE/Dance and Games</u></b></p> <p><b>Games</b></p> <ul style="list-style-type: none"> <li>• Various ball skills related to the following invasion games: Invasion Games</li> <li>• Revision and extension of basic skills used in football, rugby and hockey</li> <li>• Attacking and defending strategies</li> <li>• Net and Wall games</li> <li>• Circuit Training/ Orienteering Skills/</li> </ul> <p><b>PE</b></p> <ul style="list-style-type: none"> <li>• Indian dance based upon the Hindu story of Rama and Sita and the festival of Diwali.</li> <li>• Gymnastics</li> </ul>	<p style="text-align: center;"><b><u>Design Technology</u></b></p> <p><b>Creating Waistcoats</b></p> <p>We will learn how products are designed for different purposes and people.</p> <ul style="list-style-type: none"> <li>• We will evaluate a range of waistcoats, looking at the materials used and their construction.</li> <li>• We will then begin the design process, making paper patterns/templates and detailed working drawings before embarking on the construction of their own, made to measure, waistcoat.</li> </ul>

## RE

### **Hinduism**

- The origins of Hinduism and belief in one supreme God represented in different forms
- The Hindu Trinity
- Hindu Worship - Examining what it means to be a Hindu and how it affects daily life.

### **Christianity**

- How artists help us to understand Christmas.

## French

- Numbers up to 31, Days of the week, Months of the year, Birthday dates, Story in French, Age, Members of the family, Tell about your siblings, Where do you live, French Easter traditions

## **Dates for your diary**

### **Y4 Information Evening**

Monday 19th September, 6:00pm — 7:00pm

### **Welcome Service for New Pupils & Families at St Mary Oatlands**

Wednesday 21st September 2:15pm — 2:45pm

### **Y4 India Day**

Friday 23rd September

### **School Photographs**

Monday 26th September

### **Prospective Parents Evening**

Wednesday 5th October 6:00pm — 8:00pm

### **Parent & Teacher meetings**

Wednesday 19th & Thursday 20th October 4:00pm — 8:00pm

### **INSET Day**

Friday 21st October

### **Half term**

24th - 29th October

### **PTA Fireworks Evening**

Saturday 5th November 5pm - 8pm

### **PTA Christmas Shopping Evening**

Thursday 24th November 7pm - 9pm

### **PTA Christmas Fayre**

Sunday 4th December 2pm - 4pm

### **Y3/4 Nativity at St Mary Oatlands**

Tuesday 6th & Wednesday 7th December 6pm - 7pm Wed

### **Term ends**

Wednesday 21st December 1:45pm