

MATHEMATICS

- Please see information below for each year group


## PSHE \& CITIZENSHIP

- Y3- Relationships - Family
- Y4-Health and Wellbeing
- Friends Resilience


## ART

## Artist: David Hockney

Genre: Painting skills/
Create a colour wheel

- Mix paints to create various shades of blue
- Developing depth in paintings to give the sense of 3D and movement
- Using dark tones and light tones to represent shadows and reflection


## DESIGN AND TECHNOLOGY

 COOKING AND NUTRITION- Design and construct ways to transport water
- Exlpore a Shaduf - a handoperated device for lifting water, invented in ancient times and still used in India, Egypt, and some other countries to irrigate land.


## PE

- Cosmic Yoga
- Invasion Games


## RE <br> Understanding Christianity

- Incarnation - Identify the difference between a 'Gospel', which tells the story of the life and teaching of Jesus, and a letter
- Describe how Christians show their beliefs about God the Trinity in worship (for example in baptism and prayer) and in the way they live their lives
- Explore how Christians believe God is Trinity: Father, Son and Holy Spirit.


## MUSIC

- Listen and appraise Mamma Mia and other Abba songs
- Vocal warm ups and singing
- Rhythm and pitch games
- Play instruments with the songs
- Improvise with the songs
- Perform and share


Autumn 2
Year 3 \& 4

## Je peux...I am able to/l can

- Listen to popular verbs in French and know what they mean in English
- Say and write verbs in French
- Create sentences using 'Je peux’

COMPUTING

- Programming with Scratch;

While specific skills in Scratch are taught, the unit aims to teach children the wider programming skills of solving problems, testing, debugging, improving and

## GEOGRAPHY Water-From Clouds To Coast

- Understand that river flow downwards from high ground to the sea and that they have the power to shape and erode the landscape over time
- Describe how rivers are important to humans
- Explain how rivers form an important part of the water cycle (links with Science)
- Name and locate river near and far
- Use geographical vocabulary associated with rivers and their features


## SCIENCE <br> States of Matter

- Compare and group materials together, according to whether they are solids, liquids or gases
- Investigate materials as they change state
- Observe changes when materials are heated or cooled
- Explore how water changes state
- Investigate how water evaporates
- Identify and describe the different stages of the water cycle and the part played by evaporation and condensation

Year 3 - Maths Autumn 22020 (week numbers are approximate and may change)

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## Number - Addition and Subtraction

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.

Estimate the answer to a calculation and use inverse operations to check answers.

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

## ASSESSMENT

Number - Multiplication and Division
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division ( $\div$ ) and equals (=) signs.

Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context.

Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

ASSESSMENT

Year 4 -Maths Autumn 22020 (week numbers are approximate and may change)

| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| Number - Addition and <br> Subtraction | Number - Multiplication and Division |  |
| :--- | :--- | :--- |
| Add and subtract numbers with up to <br> 4 digits using the formal written <br> methods of column addition and <br> subtraction where appropriate. | Recall and use multiplication and division facts for multiplication tables up to $12 \times$ <br> 12. | Count in multiples of $6,7,9$. <br> Estimate and use inverse operations <br> to check answers to a calculation. |
| Use place value, known and derived facts to multiply and divide mentally, <br> including: <br> Solve addition and subtraction two <br> step problems in contexts, deciding <br> which operations and methods to use <br> and why. | multiplying by 0 and 1 <br> dividing by 1 <br> multiplying together three numbers. |  |
| ASSESSMENT | Recognise and use factor pairs and commutativity in mental calculations. <br> Multiply two digit and three digit numbers by a one digit number using formal <br> written layout. <br> Solve problems involving multiplying and adding, including using the distributive <br> law to multiply two digit numbers by one digit, integer scaling problems and harder <br> correspondence problems such as n objects are connected to m objects. <br> ASSESSMENT |  |

