

By the end of this topic our children will be able to ...
(Steps needed to reach end point)

Science

Electricity (discrete topic)

- Identify appliances which use electricity.
- Construct a simple circuit and identify its basic parts (cells, wires, bulbs, switches, buzzers).
- Identify if a circuit is complete or not.
- Recognise that a switch opens and closes a circuit.
- Recognise some common conductors and insulators.

Sound (discrete topic)

- Identify how sounds are made.
- Recognise that vibrations travel through a medium to the ear.
- Find patterns between volume and the strength of the vibrations which made it.
- Recognise that sounds get louder/fainter with distance.

Numeracy

- Identify Roman Numerals including:
I = 1, V = 5, X = 10, L = 50,
C = 100, D = 500, M = 1000
- And use their knowledge to read given numbers.

History

- Order events from the Roman Era on a timeline and understand that they occurred both BC and AD.
- Use evidence to describe what was important to the Romans.
- Use evidence to describe how the lives of the rich and poor in Roman times differed.
- Describe how some things from the Roman Empire influence how we live today.
- Understand that there are different types of sources – Primary and Secondary.
- Understand that different versions of Boudicca's rebellion exist and that some of these are facts and some are opinions.

Y4- Rotten Romans



Art/DI

- Explore the work of Kasso.
- Evaluate an artist's work using artistic language (pattern, shape, texture, space, line and colour).
- Match colours in their own work to the colours used by Kasso.
- Build a relief to create a printing block using 3 or more colours.
- Design, make and evaluate a Roman purse, including decorating it with a variety of types of stitches.

English

- Write character and setting descriptions which include descriptive language, imagery and the five senses.
- Write a diary entry using the correct features.
- Use inspiration from the book Romans on the rampage to write a story with a beginning, middle and end.
- Write a persuasive letter using the correct features.
- Write a newspaper article using their knowledge about Boudicca's rebellion.
- Write a recipe for the pizza they will make using appropriate features.
- Edit their writing, checking for errors in spelling, punctuation and grammar.

Geography

- Name and locate countries and cities in Europe.
- Understand geographical similarities and differences of the UK and Italy including, weather, transport, land use, population and environmental issues. Use a variety of methods to communicate their knowledge (writing, maps, sketches, charts and graphs).
 - Investigate the effects of tourism in Italy.
- Express their own opinions about people, places and the environment linked to Italy.

Computing

- Identify the risks of installing software onto a device.
- Know that malware is designed to damage a computer and know what a virus is.
- Use a search engine effectively to find specific information.
- Understand that not all information on the internet is credible.
- Add formulas to a spreadsheet to complete a calculation.
 - Use a spreadsheet to create a graph.
- Create a simple animation, both on paper (a flip book) and using a computer programme.

Other Subjects-Spring Term

RE:

- Community
 - Some children will be able to retell the story of the call of the apostles.
 - Some children will be able to describe some of the advice St. Paul gives us about being loving members of a community.
 - Some children will be able to use religious words and phrases to describe the actions and symbols within a funeral Mass.
 - Some children will be able to describe some ways in which some people serve their parish community.
 - Some children will be able to make links between the call of the apostles and God's call to people to serve him today.
 - Some children will be able use a developing religious vocabulary to give reasons for the actions and symbols used within a funeral Mass.
 - Some children will be able to give reasons why people give service to the parish community through various ministries.
- Giving and Receiving
 - Some children will be able to describe what happens during the Introductory Rite.
 - Some children will be able to describe what a person might do if they follow Jesus' advice.
 - Some children will be able to describe ways in which peace is lived out by believers.
 - Some children will be able to make links between scripture and an understanding of the Eucharist.
 - Some children will be able to use a developing religious vocabulary to give reasons for religious actions and symbols used in the celebration of the Eucharist.
 - Some children will be able to give reasons why Christians attend the celebration of the Eucharist.
- Self-discipline
 - Some children will be able to retell some of the religious stories of Holy Thursday, Good Friday and Easter.
 - Some children will be able to use religious vocabulary to describe some religious actions and symbols of Lent and Holy Week.
 - Some children will be able to describe some ways in which Christians try to be self-disciplined in Lent.
 - Some children will be able to make links between religious stories of Holy Thursday, Good Friday and Easter and Christian beliefs.
 - Some children will be able using a developing religious vocabulary to give reasons for religious actions and symbols connected to Lent and Holy Week.
 - Some children will be able to give reasons why Christians try to be self-disciplined in Lent.
 - Some children will begin to describe and show an understanding of scripture, beliefs, ideas, feelings and experiences, making links between them.
 - Some children will begin to use religious terms to show an understanding of the different liturgies of Holy Week.
 - Some children will begin to show understanding of how religious belief concerning the events of Lent and Holy Week shape life.



SEAL:

- Good to be Me
 - By the end of this unit the children will know what type of learner they are and understand how they learn best. They will recognise the things they are good at and when they find things difficult. They will understand the differences between flight, fright and freeze responses. They will know understand a range of emotions and be aware of different strategies which can be used to cope with their emotions.
- Being Responsible
 - By the end of this unit the children will be able to understand that there are a number of ways to pay for things and how to keep money safe. They will understand the differences between volunteer work, part-time work and full-time work. They will develop an awareness of immigration and refugees.

Numeracy-

Place Value

- Count in multiples of 6, 7, 9, 25 and 1000,
- Identify, represent and estimate numbers using different representations,
- Round any number to the nearest 10, 100 or 1000.

Addition

- Add numbers with up to 4 digits using formal written methods of column addition.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.

Subtraction

- Subtract numbers with up to 4 digits using formal written methods of col
- Estimate and use inverse operations to check answers to a calculation
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.

Multiplication and Division

- Recall multiplication facts for tables up to 12 x 12.
- Multiply 2 digit and 3 digit numbers by a 1 digit number using formal written layout (grid method).
- Solve problems involving multiplying and adding, including using the distributive law to multiply 2 digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Fractions and Decimals

- Solve problems involving using increasingly harder fractions to calculate quantities and fractions to divide quantities including non-unit fractions where the answer is a whole number.
- Understand how tenths and hundredths arise.
- Recognise and write decimal equivalents of any number of tenths or hundredths.
- Recognise and write decimal equivalents to $1/2$, $1/4$ and $3/4$

Measurement

- Calculate the perimeter of a rectilinear shape.
- Calculate the area of a rectilinear shape.
- Read, write and compare time between analogue and digital 12 and 24 hour clock
- Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to day

Statistics

- Interpret and present discrete and continuous data using appropriate graphical methods including bar charts and time graphs
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs

Music- Weekly Woodwind Lessons (School Music Service).

PE- indoor PE and Junior Games.

