

Geography Rivers

- Tasks about human settlement around rivers as well as tourism.
- Compare and contrast flooding in the UK and Bangladesh.
- Fund raising decisions concerning flood defences.

Computing JavaScript

- Understand several key algorithms that reflect computational thinking.
- Use two or more programming languages, at least one of which is textual, to solve a variety of computational problems.
- Design and develop modular programs

History The Stuarts

- To be able to draw on evidence and decide if the plotters were framed?
- Debate the concept of 'Divine Right'
- Interpretations of James I using the sources, focus on bias, fact, opinion, nature origin and purpose of the sources.
- Use information provided to debate on whether the Gun powder plot was a conspiracy or not?

PE Football, Rugby, Rowing, Gymnastics

- To be able to construct a routine in pairs to meet the routine criteria.
- To be able to improve a performance
- To be able to use fitness to understand the short and the long term effects of exercise on the body
- Develop the skills of invasion games further to help to move to full contact rugby through touch
- Develop the skills of invasion game such as football

Citizenship Social Media

- Learn about the history of social media and its current influence
- Understand the pros and cons of social media

PSHE Relationships

- Sex and Healthy Relationships
- Sexual orientation & gender identity
- Contraception & menstrual wellbeing

Design Technology

Textiles – E-textiles Christmas cushion.

- Following a pattern.
- Hand applique and embroidery techniques.
- Using electro-conductive thread to construct a working electronic circuit.
Sewing machine threading and use to join fabrics

French Famille et domicile

- Une journée dans la vie de
- Remembrance
- More on opinions
- More on the near future
- Christmas traditions in France – Galette des rois

Year 8 Autumn 2

Science Respiration and Photosynthesis

- Aerobic respiration
- Anaerobic respiration
- Biotechnology
- Photosynthesis
- Structure of a leaf
- Plant Minerals
- Rate of Photosynthesis

Matter:

- Elements and Periodic table

Art Pop Art: Andy Warhol

- Discovering Pop Art
- Historical relevance
- Discovering specific pop art artist'
- Pop Art – Popular culture today
- Making connections of art work and popular culture

Music

Christmas Film Music

- Learn to read from notation?
- Perform Mozart's Theme (melody, chords separately and/or together) and Own variation
- Learn vocabulary & Composing devices

English

Shakespeare: Much Ado About Nothing

- Learn about the relevant literary context and how this affects a writer's purpose.
- Explore comedy: comic relief, dramatic irony.
- Themes in Much Ado About Nothing – gender representation and roles, discrimination, jealousy, power, love.
- Explore characters and their personalities and how the way Shakespeare presents them links to historical context.

Maths

Representations

- Draw, plot and find co-ordinates on a four-quadrant grid
- Recognise lines that form $y = x$, $y = kx$, $y = x + a$
- Explore positive and negative gradients and know how to form lines
- $y = mx + c$
- Link graphs to sequences and explore linear and non-linear graphs
- To draw and interpret scatter diagrams and drawing and using the line of best fit
- Identify different types of data and be able to read an interpret ungrouped and grouped frequency tables, discrete data and two-way tables
- Construct sample space for one or more events
- Find the probability from a sample space diagram, two-way tables, Venn Diagram

R.E Exploring how faith may affect different believers' actions and opinions

- Prejudice and discrimination
- Gender equality
- Racism
- Causes and effects of poverty
- Religion and wealth
- Forgiveness