**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

**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

**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.

**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

**Year 8 Autumn 2**

**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

**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 |

**PSHE Relationships**

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

**Citizenship Social Media**

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

**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

**To self asses and assess others**

**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?

**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

**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.