**Geography**  **Russia & USA**

* understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems
* understand geographical similarities, differences and links between places through the study of human and physical geography of a region

**Computing**

* Use user input in a block-based programming language
* Use decomposition to break down your app into more manageable steps.
* Include variables in your app project.
* Use user input in a block-based programming language to include sequencing and selection.
* Swap apps with another group and test each out. Leave feedback giving constructive comments on errors and areas for improvement.

**French En ville**

* Describing your town and a holiday town.
* Compare places.
* Writing longer sentences.

**Art** **Ceramic Pot Design**

* Design process, understanding 3D illustration and annotation
* Specifying intention of design
* Water colour application

**Citizenship**

* Rights of the Child

**RE**

* The universe and life after death
* Science vs. religion – are they always in conflict?

**Maths Directed Number and Fractional Thinking**

* Understand and use letter and labelling conventions
* Drawand measure line segments including geometric figures
* Describe angles as a measure of a turn and classify angles
* Measure and draw angles using a protractor
* Identify and investigate parallel and perpendicular lines
* Recognise and describe properties of different triangles
* Recognise and describe properties of different quadrilaterals
* Recognise and identify polygons up to a decagon
* Construct triangles using side-side-side (SSS) Side-angle-side (SAS) Angle-side-angle (ASA)
* Interpret and draw pie charts using protractor and proportion
* Understand and use angles on a straight line and on a point
* Understand and use equality of vertically opposite angles
* Know and apply sums of angles in a triangle and a quadrilateral
* Solve angles problems and use known facts to obtain simple proof

**Science**

**Reactions:- Metals, non-metals, acids and alkalis.**

* Understanding the use of metals and alloys in everyday life
* Understanding the use of acids and alkalis in cleaning products.
* Understanding the dangers of acids and alkalis

**Ecosystems: Interdependence & Plant Reproduction**

* Interpret secondary data to describe simple predator–prey relationships.
* Combine food chains to form a food web.
* Explain issues with human food supplies in terms of insect pollinators.
* Interpret secondary data to describe trends and draw conclusions about predator–prey relationships.
* Explain how toxic materials can accumulate in human food sources.

**Year 7 Summer 1**

**English The Gothic**

* Explore the Gothic **genre**.
* Learn about the relevant **literary context** and how this affects a writer’s purpose.
* Develop **inference** skills.
* Develop writing skills through using **varied sentence structures** for effect

**Music**

* Sing: 2 part with wide range of pitch
* Compose music for an excerpt of Wallace and Gromit using pedal notes, inverted pedal notes, motifs, major, minor and clashing chords a variety of dynamics, sfortzandos, silences and sound effects.

**Design Technology – Resistant Materials**

**Layered Mirror**

* Health and safety in the workshop.
* Workshop tools for wood and plastics.
* Plastics, including shaping and forming.
* Designing to a brief.

**PHSE Money**

* The Economy in a nutshell
* Taking care of your own finances
* Planning ahead

**History**

* Why did the crusades happen?
* The importance of religion.
* To understand that the crusaders came from all over Europe.
* To identify the main characters that were the driving force behind the crusades.
* Be able to identify the armies involved.
* Who was more tactically astute?
* The successes and failures of each crusade.

**PE**

**Athletics**

* Track events 100m, 200m 800m 1500m differences.
* Field High Jump Fosbury Flop
* Turbo Javelin

**Cricket**

* Catching
* Throwing
* Batting techniques
* Bowling line and length off and on side
* Field positions