

**RAYNVILLE PRIMARY SCHOOL CURRICULUM**

**YEAR 5 AND 6 ROLLING PROGRAMME – YEAR A (Green Y5, Red Y6, Blue both)**

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| **AUTUMN 1 – “CLASH OF THE TITANS!”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| **Myth** – retell  **Creative descriptive** writing of a character  Biography  Diary writing  **Persuasive**  **leaflet** on a Greek island.  **Persuasive letters** | Number and place value.  Written addition and subtraction.  Problem Solving and reasoning.  Decimals, percentages and their equivalence to fractions.  Measurement – Time.  Place Value  Four Number operations  Decimals, % and fractions  Measurement  Problem solving, reasoning and algebra | **Light**  -Plan enquiries,  -Record data and results  -Light travels in straight lines  -How we see  -Shadows – how to change size | **Internet Safety & Cyber Bullying** Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. Use search engines effectively; be discerning in evaluating digital content; respect individuals and intellectual property; use technology responsibly, securely and safely | **Invasion games Football Track and field**  Consolidate existing skills and acquire new ones. Perform actions with control & quality. Use & adapt strategies and tactics for individual, pair and team activities. Identify an effective performance & suggest improvement. Understand why physical activity is good for health and well-being. | **Ancient Greece**: Use sources of evidence to deduce info about the past.  Attitudes, beliefs and experiences of men, women and children.  Chronology  Historical vocabulary | **Printing** Skill Based (Greek patterns)  Technique –  **Sketching**..  Collage  Use ceramic mosaic materials and techniques.  Colour mixing  Designed and made Greek pots 2D/3D (clay/papier-mache) that reflect Greek life | **Spanish**  Buildings Directions Conversations Revise days of the week  Classroom routines  Clothes revision  **RE**  What does it mean to be Sikh? (discovery RE) | Thought for the day,  Expect Respect  Name calling  Challenging Prejudice (Black History  Month)  Walter Tull  Gandhi |
| IDEAS | | | | | | | | |
| A.Greek – WOW day – experience: toga dressing, laurel wreaths, Greek food tasting, pottery, theatre and printing. | | | | | | | | |

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| **AUTUMN 2 – “WHERE ON EARTH ARE WE?”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| **Book study**  Boy in the Girls’ Bathroom – diary/email/develop inference skills, character analysis  Kensuke’s Kingdom – diary/creative writing/debate/  develop inference skills | Mental and formal written methods of x and division  Problem solving, reasoning and algebra.  Geometry: properties of shapes.  Problem solving, reasoning and algebra.  Number and place value.  Decimals, percentages and their equivalence to fractions.  Fractions, ratio and proportion.  **Negative numbers**  **Fractions**: comparison, improper, mixed Nos, fraction and % of amounts (incl money), add and subtraction  **Perimeter/Area and Volume** of shapes, nets  **Mental strategies for division** | **Properties and Changes in Materials** dissolving/ reversible and irreversible changes  **Scientific enquiries**    **Animals including Humans** – describe function of heart/blood/  vessels, circulatory sys  Impact of diet, exercise and drugs | **Games Design**  Sequence, selections & repetition in programs.Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs.  **We are Adventure Gamers**  Use sequence, selections and repetition in programs; work with variables and various forms of input and output; generate appropriate inputs and predicted outputs to test programs.  Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs. | **Invasion games Rugby** (see Autumn 1)  **Gymnastics core skills**  Create complex and well-executed sequences that include a full range of movements | **Mapping and**  **Compass Skills** – 8 compass points, 4 figure grid references using OS map 104 (local). Continents and oceans.  (link to book study-mapping) | **Colour mixing**  Create a colour palette based upon primary/ secondary/tertiary and complementary colours.  Look at works of Vincent Van Gogh creating originals of their own  Develop understanding of tints/shades. Look at work of Paul Klee and create own painting in his style  Choose a style of drawing suitable for the work (e.g. realistic or impress-ionistic). Enlarge pictures using pencil and colour using oil pastels.  **DT – Food**  Measure accurately and calculate ratios of ingredients to scale up or down from a recipe. | **Spanish**  Christmas vocabulary  Family members  The verb ‘ser’ Christmas traditions  **RE**  Is the Christmas story true? (Discovery RE) | Developing self through life experiences Personal Safety  (see science)  Anti- Bullying  Including gender based violence -  White Ribbon Day |
| IDEAS | | | | | | | | |
| Theatre visit, Team building activities | | | | | | | | |

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| **SPRING 1 – “WHAT A DISASTER!” EARTHQUAKES & VOLCANOES** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Disaster Story – Pompeii  Newspaper reports  News Day  Biographies  Persuasive leaflets - Robinwood | Number and place value. (Digits to 6 numbers).  X by 10, 100 and 1000.  Understand decs to 2dp.  Solve missing number sentences.  Mental X and division.  Decimals, percentages and their equivalence to fractions. Properties of triangles.  Convert units of measure.  Draw line conversion graphs.  Problem solving involving money.  **Place Value**  **Subtraction**  **Multiply and divide** by 10,100,1000 (decimal numbers)  **Fraction – decimal equivalent and multiplying fractions**  **Formal long X and ÷**  **Formal +, –** upto 7 digits  **Shapes:** angle measurement and problem solving, properties of…  **Factors/multiples and prime numbers** | **Forces:**  Gravity, air and water resistance and friction.  Mechanisms: levers, pulleys and gears.  Plan Scientific enquiries | **Cryptoggraphy**  Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.  **We are Computational Thinkers**  Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. | Robin Wood Activity Centre  **Hockey**  Choose and combine techniques in game situations.  Work with team-mates to gain points and possession.  Field, defend and attack tactically. | **physical geography**, including:  Mountains, volcanoes and earthquakes | Sculpture – To build a 3D cross section of a volcano  Combine visual and tactile qualities.  Use frameworks (such as wire or moulds) to provide stability and form.  Painting  Look at range of pictures from different artists with different styles.  Children to create their own pictures using a variety of styles.  To contribute to a whole class painting.  To create a collage choosing appropriate colours and textures. | **Spanish**  Revise days of week hobbies sports  Recap of phrases from y4 and 5  Rooms in the house Memorise and perform a song identify nouns and adjectives  **RE**  What do we know about Islam? (LEEDS HUB) | Personal safety  (fire)  Confidence building strategies |
| IDEAS | | | | | | | | |
| Baking delicious volcanoes, lava biscuits. Making exploding volcanoes. Year 5 Trip to Robin Wood. | | | | | | | | |

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| **SPRING 2 – “AROUND THE WORLD IN 80 DAYS!”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | HISTORY/ GEOGRAPHY whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Descriptive writing of settings  Classic Poetry  The Highwayman Narrative poem  Adventure story: The Magic Can | Written multiplication and division.  Find fractions of amounts.  Develop vocabulary of shape including angles.  Fractions.  Problem solving, reasoning and algebra.  Multi-step problems involving money  Decimal long multiplication and division  Mathematical reasoning to investigate and solve problems  Statistics  Draw and interpret distance timeline graphs, pie-charts  Mean, median, mode and range  Co-ordinates using 4 quadrants | **Properties and Changes in Materials**  Compare and group materials based on their properties  Scientific enquiry | **Web developing**  use technology responsibly, securely and safely  Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.  **We are Advertisers**  Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information. | **Tennis**  Use forehand and backhand in racket games.  Choose the most appropriate tactics for a game.  Uphold the spirit of fair play and respect in all competitive situations.  **Dance**  Compose creative and imaginative dance sequences.  Perform expressively and hold a precise and strong body posture. | **Physical Geography - Climate Zones**  Identify and describe the geographical significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, and time zones (including day and night).  • Understand some of the reasons for geographical similarities and differences between countries.  • Describe how locations around the world are changing and explain some of the reasons for change.  • Describe geographical diversity across the world. | Textile Designs  Show precision in techniques.  Join textiles with a combination of stitching techniques (such as back stitch for seams and running stitch to attach decoration). techniques  Use the qualities of materials to create suitable visual and tactile effects in the decoration of textiles  to make a tapestry | **Spanish**  Revision of fruit and food  Use negatives  Memorise a short verse breakfast  Ask for clarification Sustain an unrehearsed conversation  Recap days of week  month of year  **RE**  How do Christians express their beliefs?  (Leeds hub) |  |
| IDEAS | | | | | | | | |
| Climate Zones Wow day | | | | | | | | |

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| **SUMMER 1 – “CONSIDER YOURSELF BLOOMING LUCKY…” (VICTORIANS)** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Oliver Twist Book study Plays based on street scene  Flashback story writing:  Alice Bell | Four rules of number involving money.  Multiplying fractions.  Long and short Multiplication.  Multiply decimals by 10, 100 and 1000.  Negative Numbers in context of temperature.  Co-ordinates in two quadrants.  Properties of shapes.  Revision of previous learning | **Animals incl Humans**  describe the changes as humans develop to old age.  **Evolution and Inheritance**  living things changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. | **Blogging**  Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.  **We are Network** **Technicians**  Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. | **Striking and Field**  Combine sprinting with low hurdles.  Choose the best place for running over a variety of distances.  Throw accurately and refine performance.  Show control in take-off and landings when jumping.  **Fitness Training**  Stamina building | **Victorians**  Use sources of evidence to deduce info about the past Understand that no single source of evidence gives the full answer to questions about the past. Describe the social, ethnic, cultural or religious diversity of past society. Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women and children. | Using the style of Andy Warhol create pictures to depict Queen Victoria.  To create repeated patterns inspired by artist William Morris and use the qualities of watercolour and to create visually interesting pieces.  To design and make Victorian houses using a range of materials.  To design and make a Victorian toy by converting rotary motion to linear using CAMS.  Look at vacuum cleaners through the ages and create & evaluate innovative designs. | **Spanish**  Spanish deserts  Revise days of the week and weather  Recap verb ‘ir’  Write a short letter to book accommodation  **RE**  Global charities- comparison of Christian, Humanist, Jewish and Islamic.  How does growing up bring responsibilities? | Heart  Start  CPR  Behind Closed Doors Domestic Violence |
| IDEAS | | | | | | | | |
| Armley Mills trip, buildings to make a street. | | | | | | | | |

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| **SUMMER 2 – “LIVE IT! LOVE IT! LEEDS!”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Shakespeare – The Tempest  Debating  Transition project | Identify factors and multiples.  Fractions – addition and mixed numbers.  Division with remainders.  Percentages and fraction equivalencies.  Roman Numerals.  Cube Numbers.  Line Graphs.  Timetables.  Timetable bus/train/  plane, Distances to Leeds  Real-life maths activities | Living Things and their Habitats  describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird  describe the life process of reproduction in some plants and animals.  Classify (and give reasons for) living things into groups including micro- organisms, plants and animals | **Creating a virtual space**  Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.  **We are Publishers**  Describe how internet search engines find and store data; use search engines effectively; be discerning in evaluating digital content; respect individuals and intellectual property; use technology responsibly, securely and safely. | **Striking and Field**  Demonstrate good technique and speed.  Use pacing techniques.  Compete with others and keep track of personal best performances.  **Track**  Throw with accuracy, sprinting, hurdling. | Geographical Field Work (Leeds)  **human geography**, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies. | Great Architects and Designers. Combine elements of design from a range of inspirational designers throughout history, giving reasons for choices.- Cuthbert Broderick.  Drawings of Leeds buildings using shades and techniques of graded pencils. Use a variety of techniques to add interesting effects (e.g. reflections, shadows, direction of sunlight).  To create repeated patterns inspired by artist William Morris and use the qualities of watercolour and to create visually interesting pieces. | **Spanish**  Revision of weather and saying where you live  Recap of transport  Research of holiday destinations  Prepare a presentation  RE as S1 | Personal Safety  Heartstart  SRE  Changes  How babies are made  How babies are born  Smooth Transition to high school |
| IDEAS | | | | | | | | |
| Film it: pond dipping, Rodley Nature Reserve, Kirkstall Valley, create an adaptation of animal or plant. Visit Leeds City Centre – Owl Trail | | | | | | | | |

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| **AUTUMN 1 – “WE WILL NEVER SURRENDER!” EDEN CAMP** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Book Study  Goodnight Mr Tom  Creative writing, diaries, character studies develop inference skills | Number and place value.  Written addition and subtraction.  Problem Solving and reasoning.  Decimals, percentages and their equivalence to fractions.  Measurement – Time.  Place Value  Four Number operations  Decimals, % and fractions  Measurement  Problem solving, reasoning and algebra | **Electricity**  associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit  Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches  Use recognised symbols when representing a simple circuit in a diagram.  Scientific Enquiry.  (DT create circuits) | **Internet Safety & Cyber Bullying** Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. Use search engines effectively; be discerning in evaluating digital content; respect individuals and intellectual property; use technology responsibly, securely and safely | **Invasion games Football Track and field**  Consolidate existing skills and acquire new ones. Perform actions with control & quality. Use & adapt strategies and tactics for individual, pair and team activities. Identify an effective performance & suggest improvement. Understand why physical activity is good for health and well-being. | World Countries focusing on Europe World War 2  WOW day – experience evacuation.  Leaders.  Evacuees.  Propaganda.  Blitz. | Demonstrate a range of cooking and baking techniques - WWII recipes.  Designing and creating their own Air-Raid shelter using a range of tools and techniques. Ensure high quality finish.  To design “Blitz” pictures using paint, silhouettes and chalk.  To reflect contrast within one picture using a range of techniques and medium  Propaganda Posters – To copy in the style of war-time artists posters that were used during the war. | **Spanish**  Buildings Directions Conversations Revise days of the week  Classroom routines  Clothes revision  **RE**  What is compassion and how can it be shown?  Link with Holocaust  (Leeds Hub) | Ongoing Circle Time, Thought for the day,  Expect Respect  Name calling  Challenging Prejudice (Black History  Month) Slavery Challenging Prejudice |
| IDEAS | | | | | | | | |
| WWII Life-size Anderson Shelter (Hidey Hole). WWII activity day – evacuation role play | | | | | | | | |

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| **AUTUMN 2 – “WE WILL NEVER SURRENDER”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Book study: Goodnight Mr Tom  develop inference skills,  Evacuation story  Descriptive writing | Mental and formal written methods of x and division  Problem solving, reasoning and algebra.  Geometry: properties of shapes.  Problem solving, reasoning and algebra.  Number and place value.  Decimals, percentages and their equivalence to fractions.  Fractions, ratio and proportion.  **Negative numbers**  **Fractions**: comparison, improper, mixed Nos, fraction and % of amounts (incl money), add and subtraction  **Perimeter/Area and Volume** of shapes, nets  **Mental strategies for division** | **Properties and Changes in Materials** dissolving/ reversible and irreversible changes  **Scientific enquiries**    **Animals including Humans** – describe function of heart/blood/  vessels, circulatory sys  Impact of diet, exercise and drugs | **Games Design**  Sequence, selections & repetition in programs.Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs.  **We are Adventure Gamers**  Use sequence, selections and repetition in programs; work with variables and various forms of input and output; generate appropriate inputs and predicted outputs to test programs.  Use logical reasoning to explain how a simple algorithm works, detect and correct errors in algorithms and programs. | **Invasion games Rugby** (see Autumn 1)  **Gymnastics core skills**  Create complex and well-executed sequences that include a full range of movements | World Countries focusing on Europe World War 2  WOW day – experience evacuation.  Leaders.  Evacuees.  Propaganda.  Blitz. | Create a colour palette based upon primary / secondary / tertiary and complementary colours.  Develop understanding of tints and shades. Look at work of Paul Klee and create own painting in his style.  Create a range of cooking techniques and design packaging with the user in mind. Make the product through prototype stages.  Create a Christmas cushion – using a range of stitching techniques. Use the quality of materials to create tactile effect. | **Spanish**  Christmas vocabulary  Family members The verb ser Christmas traditions  **RE**  Pilgrimage. Why are some journeys special? | Developing self through life experiences Personal Safety (visit from D Side)  Anti- Bullying  Including gender based violence White Ribbon Day |
| IDEAS | | | | | | | | |
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| **SPRING 1 – “TO BOLDLY GO WHERE NO MAN HAS GONE BEFORE”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Adventure Story: Mission to Mars. Biography Creative description of mars  Newspaper report writing | Number and place value. (Digits to 6 numbers).  X by 10, 100 and 1000.  Understand decs to 2dp.  Solve missing number sentences.  Mental X and division.  Decimals, percentages and their equivalence to fractions. Properties of triangles.  Convert measures g-kg, l-ml, m-km, km-miles.  Draw line conversion graphs.  Problem solving involving money.  **Place Value**  **Subtraction**  **Multiply and divide** by 10,100,1000 (decimal numbers)  **Fraction – decimal equivalent and multiplying fractions**  **Formal long X and ÷**  **Formal +, –** upto 7 digits  **Shapes:** angle measurement and problem solving, properties of…  **Factors/multiples and prime numbers** | **Earth & Space**  Describe the movement of the Earth, and other planets, relative to the Sun in the solar system  Describe the movement of the Moon relative to the Earth  Describe the Sun, Earth and Moon as approximately spherical bodies  Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky. | **Cryptoggraphy**  Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.  **We are Computational Thinkers**  Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. | Robin Wood Activity Centre  **Hockey**  Choose and combine techniques in game situations.  Work with team-mates to gain points and possession.  Field, defend and attack tactically. | **Early Islamic**  **Civilisation**  Rise and fall of Baghdad | 3D Planets - Combine visual and tactile qualities.  Planet Pictures - Use a variety of techniques to add interesting effects (e.g. reflections, shadows, direction of sunlight).Mod-Roc Aliens – Combine visual and tactile qualities. Use frameworks (such as wire or moulds) to provide stability and form.  DT buggies – with electronics. Develop practical DT skills. Create innovative design for an astronaut suit based upon existing products. | **Spanish**  Revise days of week hobbies sports  Recap of phrases  from Y4and 5  Rooms in the house Memorise and perform a song identify nouns and adjectives  **RE**  Citizenship | Challenging  Prejudice  Personal safety  (fire) |
| IDEAS | | | | | | | | |
| Sky Gazing Evening – Sleepover/rocket making | | | | | | | | |

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| **SPRING 2 – “THE LONE RANGER” EXPLORERS AND PIONEERS** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| The Highwayman Narrative poem  The Magic Can  Non- chronological reports | Written multiplication and division.  Find fractions of amounts.  Develop vocabulary of shape including angles.  Fractions.  Problem solving, reasoning and algebra.  Multi-step problems involving money  Decimal long multiplication and division  Mathematical reasoning to investigate and solve problems  Statistics  Draw and interpret distance timeline graphs, pie-charts  Mean, median, mode and range  Co-ordinates using 4 quadrants | **Properties and Changes in Materials**  Compare and group materials based on their properties  Scientific enquiry | **Web developing**  use technology responsibly, securely and safely  Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.  **We are Advertisers**  Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information. | **Tennis**  Use forehand and backhand in racket games.  Choose the most appropriate tactics for a game.  Uphold the spirit of fair play and respect in all competitive situations.  **Dance**  Compose creative and imaginative dance sequences.  Perform expressively and hold a precise and strong body posture. | **Early Islamic**  **Civilisation**  Rise and fall of Baghdad  World Countries focusing on **North America**  WOW day – Explorers/pioneers  -early/modern day. Dioramas. | Native American Art  Designing shelters Tee-pees – making product with stages of prototypes.  Printing  Build up layers of colours.  Create an accurate pattern, showing fine detail.  Use a range of visual elements to reflect the purpose of the work.  Movement – to show movement by using a choice of techniques and use lines to represent it | **Spanish**  Revision of fruit and food  Use negatives  Memorise a short verse breakfast  Ask for clarification Sustain an unrehearsed conversation  Recap days of week  month of year  **RE**  Should we forgive others? (Leeds Hub) |  |
| IDEAS | | | | | | | | |
| Canada – The Rockies/animals. Native Americans – American Civil  War - slavery | | | | | | | | |

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| **SUMMER 1 – “WHERE’S NOAH WHEN YOU NEED HIM” DISASTERS (FLOODING, DROUGHT & TSUNAMI)** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Poetry  Newspaper report writing  Non-Chronological reports | Four rules of number involving money.  Multiplying fractions.  Long and short Multiplication.  Multiply decimals by 10, 100 and 1000.  Negative Numbers in context of temperature.  Co-ordinates in two quadrants.  Properties of shapes.  Revision of previous learning | **Animals incl Humans**  describe the changes as humans develop to old age.  **Evolution and Inheritance**  living things changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. | **Blogging**  Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.  **We are Network** **Technicians**  Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. | **Striking and Field**  Combine sprinting with low hurdles.  Choose the best place for running over a variety of distances.  Throw accurately and refine performance.  Show control in take-off and landings when jumping.  **Fitness Training**  Stamina building | **Physical Geography: Rivers**  Major features of a river system, locating world rivers, self-research of a major river. water bodies, water cycle. How water effects landscape | Model of features of a river – 3D Models Create and combine shapes to create recognisable forms  Painting - Sketch (lightly) before painting to combine line and colour. / Create a colour palette based upon colours observed in the natural or built world. / Use the qualities of watercolour and acrylic paints to create visually interesting pieces. | **Spanish**  Spanish deserts  Revise days of the week and weather  Recap verb ir  Write a short letter to book accommodation  **RE**  What matters most to believers? (Values)(Leeds Hub) | Personal Safety (water) Aspirations  Behind Closed Doors Domestic Violence |
| IDEAS | | | | | | | | |
| The Tempest?, flood barriers | | | | | | | | |

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| **SUMMER 2 – “THE OLYMPICS”** | | | | | | | | |
| **ENGLISH** | **MATHS** | **SCIENCE** | **ICT** | **PE** | **HISTORY/ GEOGRAPHY** whole school focus week | **ART / DT** | **SPANISH/ RE** | **PSHCE**  Citizenship |
| Shakespeare – The Tempest  Debating  Transition project | Identify factors and multiples.  Fractions – addition and mixed numbers.  Division with remainders.  Percentages and fraction equivalencies.  Roman Numerals.  Cube Numbers.  Line Graphs.  Timetables.  Timetable bus/train/  plane, Distances to Leeds  Real-life maths activities | **Living Things & their Habitat**  Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird  Describe the life process of reproduction in some plants and animals.  Classify (and give reasons for) living things into groups including micro- organisms, plants and animals | **Creating a virtual space**  Design and write programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.  **We are Publishers**  Describe how internet search engines find and store data; use search engines effectively; be discerning in evaluating digital content; respect individuals and intellectual property; use technology responsibly, securely and safely. | **Striking and Field**  Demonstrate good technique and speed.  Use pacing techniques.  Compete with others and keep track of personal best performances.  **Track**  Throw with accuracy, sprinting, hurdling. |  | Monet - how the work of those studied was influential in both society and to other artists and to create original pieces that show a range of influences and styles. - perspective, shadows and reflection.  Sketching living things and plants - Choose a style of drawing suitable for the work (e.g. realistic or impressionistic. | **Spanish**  Revision of weather and saying where you live  Recap of transport Research of holiday destinations  Prepare a presentation  **RE**  Global charities.  How does growing up bring  responsibilities? (Leeds Hub) | Personal Safety  Heartstart  SRE  Changes  How babies are made  How babies are born  Smooth Transition to high school |
| IDEAS | | | | | | | | |
| Create a variety of habitats, adaptation to the environment | | | | | | | | |

NB The Spanish for the Y5/6 will not feed through until 2017-18, 2015-16 – Y5 and Y6 will follow Y4, 2016-17 – Y5 will follow Y5 and Y6 will follow Y5,2017-18 – Y5 will follow Y5 & Y6 will follow Y6