**Year 4 Topics**

**Let’s Invade!**

**Out of this**

**World**

**Home from home.**

**WWII**

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| Out of this World | |
| **Numeracy:**  Number and place value  Understand place value in 4-digit numbers  Decomposing numbers  Rounding numbers to the nearest 10, 100 and 1000 Comparing pairs of four-digit numbers,  Roman Numerals to 100  Multiple adding and subtracting using mental methods using number bonds and extend to formal written methods for addition and subtraction  Add pairs of two-digit numbers  Adding two 3-digit numbers using compact written addition  Mental multiplication and division by 10 and 100  Use grid method to multiply  Use multiples of ten to multiply  Problem solving linked to addition and multiplication including area of rectangles  **Literacy:**  **Iron Man**  Setting description  Use of similes  Journalistic writing  Sequencing events  Newspaper writing about the Iron Man saving the day  **Firework Maker’s Daughter**  Onomatopia  Poetry structure  Rhymes  Direct and indirect speech  Researching unknown words using a dictionary  Comprehension tasks linked to class text  Comprehension  **Science:**  Electricity linked to energy  Dangers of electricity  Constructing circuits and drawing diagrams  Insulators and conductors investigations  D & T designing and making a burglar alarm (light or buzzer)  States of matter  Sorting solids liquids and gases  Describing in terms of particles | **ICT:**  E safety  Use of websites and how to search  Word and manipulating text  Use of paint to create pictures  **P.E.:**  Netball and Hockey skills  Indoor athletics  Passing, travel, receiving space rules  Rugby passing special awareness how to catch a ball team tactics  **French:**  Greetings saying hello. Who are you? How old are you. Asking questions  Counting up to 20  Colours asking questions and answering as to want colour  Food and drink  **History:**  Spring Term  **Geography:**  Geographic locations on the earth such as equator, tropics, lines of latitude and longitude.  Temperate regions  Mountains locations and heights, volcanoes locations and formations, earthquakes, rivers and water cycles, polar regions. Dangers of the earth  **R.E.:**  Christianity and images of God  Holy Trinity  Baptism  Miracles and stories (parables) with meaning/messages  Harvest and Christmas  **PSHCE:**  KIVA Rules create school rules for getting on  School rules and Class rules  **Music:**  Playing and performing  **Art:**  Pastel art focused on volcanoes and Japanese artwork. Shading techniques, different methods such as hatching, blending, smoothing  Drawing  **DT:**  Model making of the Iron Man  Alarms and burglar systems |
| Let’s Invade | |
| **Numeracy:**  Identify, name and write equivalent fractions of a given fraction, including tenths and hundredths. Recognise mixed numbers and improper fractions.  Add and subtract fractions with the same denominator and multiples of that denominator.  Multiply proper and mixed fractions.  Recognise the per cent symbol (%) and recognise that it relates to ‘number of parts per hundred’ and as a decimal.  Solve problems which require knowledge of percentages and decimals.  Calculate the perimeter of composite linear shapes in cm and m  Calculate and compare the area of rectangles (including squares) estimate the area of irregular shapes.  Mental multiplication and division  Know multiplication and division facts for all tables to 12 x 12  **Literacy:**  Visual Literacy  Comprehension tasks based on the class texts and 60 second reads  How to train your dragon  Grammar linked to sentence structure  Character descriptions  Story styles and settings  Myths and legends  Beowulf  Pie Corbett – Talk for Writing  **Science:**  Sound  How it is formed: travel. loudness, pitch  Investigations linked to sound  Life cycles, habitats and classification Animals including humans  Classification and identification of living things  Identify the effects humans can have on habitats  Name the basic parts of the digestive system  Identify different types of teeth  **ICT:**  Touch typing  Coding and instructions  Internet safety week | **History:**  Chronology  Anglo-Saxon and Vikings (Invaders and settlers)  Sutton Hoo  Religion, worship and beliefs  Runes and communication  War and warships  Myths and legends  Daily life  Art and culture  Paganism and Christianity  **Geography:**  Types of settlements/kingdoms and how the land is used  Compare UK to European country  Maps and atlases  **R.E.:**  Chinese New year  Easter Story and relevance of Christianity today  Islam, Muslim belief, Qur’an. Muslim festivals  **PSHCE:**  Internet Safety  Keeping healthy  Kiva and Go-Givers relationships and resolving conflict  **Music:**  Reading and performing music.  Pitch and duration.  Songs in rounds.  Composition and evaluation of compositions  **Art:**  Sculpture/runic writing (clay)  Jewellery  Anglo Saxon Art  **DT:**  Viking shields  Design a money bag  **French:**  Where I live Days of the week  Weather  Animals and descriptions  **PE**  Multi flex Dance and gymnastics  Basketball and bench ball  Swimming |
| Home from home. World War II (local focus) | |
| **Numeracy:**  Convert between different metric measures eg km, m, cm, mm, kg, g, l, and ml.  Decimals linked to fractions and measures  Decimals and money.  Identify 3D shapes, including cubes and other cuboids from 2D representations  Know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles.  Draw given angles and measure them in degrees  Identify angles at a point and whole turn, straight line half a turn, other multiples of 90 degrees.  Use properties of rectangles to deduce related facts and missing lengths and angles.  Distinguish between regular and irregular polygons and reason about equal sides and angles.  Read and tell the time including duration.  Interpret line graphs  Complete, read and interpret in tables including timetables.  **Literacy:**  Diary writing  Anne Frank  Letters  **Science:**  Moving and growing  Human life chain and how the body changes  How do we grow and factors needed for good health  Digestion the digestive system and classification of foods  A balanced diet and what foods are needed for growth and health  **ICT:**  Collect and present data appropriately  Use of spreadsheets | **History:**  A local history study of Congleton  How history has changed the locality  Daily life  Evacuation (Evacuees to Congleton and why?)  Leaders  Rationing  Daily life of man women and children  **Geography:**  Location of the world’s countries allies and axis  Fieldwork – Local field trip in Congleton include sketches and map work linked to the locality  Grid references  **R.E.**  Religious Artefacts  Judaism festivals, the covenant,  Importance of the Torah  Persecution of the Jews during the War  **PSHCE:**  Following the KIVA and Go Givers scheme of work  **Music:**  Reading and performing music.  Pitch and duration.  Songs in rounds.  Composition and evaluation of compositions  **Art:**  Fashion of the 50’s  Painting  **DT:**  Cooking dishes linked to rationing  Make gas mask box  **French:**  Telling the time  Clothes  **P.E.:**  Multi-Flex  Rounders and tag rugby  Athletics and sports |