**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 numbersDecomposing numbersRounding numbers to the nearest 10, 100 and 1000 Comparing pairs of four-digit numbers,Roman Numerals to 100Multiple adding and subtracting using mental methods using number bonds and extend to formal written methods for addition and subtractionAdd pairs of two-digit numbers Adding two 3-digit numbers using compact written additionMental multiplication and division by 10 and 100Use grid method to multiplyUse multiples of ten to multiplyProblem solving linked to addition and multiplication including area of rectangles**Literacy:** **Iron Man**Setting descriptionUse of similesJournalistic writingSequencing eventsNewspaper writing about the Iron Man saving the day**Firework Maker’s Daughter** OnomatopiaPoetry structureRhymesDirect and indirect speechResearching unknown words using a dictionaryComprehension tasks linked to class textComprehension**Science:**Electricity linked to energyDangers of electricity Constructing circuits and drawing diagramsInsulators and conductors investigationsD & T designing and making a burglar alarm (light or buzzer)States of matterSorting solids liquids and gasesDescribing in terms of particles | **ICT:** E safetyUse of websites and how to searchWord and manipulating textUse of paint to create pictures**P.E.:**Netball and Hockey skillsIndoor athletics Passing, travel, receiving space rulesRugby passing special awareness how to catch a ball team tactics**French:**Greetings saying hello. Who are you? How old are you. Asking questionsCounting up to 20Colours asking questions and answering as to want colourFood and drink**History:**Spring Term**Geography:**Geographic locations on the earth such as equator, tropics, lines of latitude and longitude.Temperate regionsMountains locations and heights, volcanoes locations and formations, earthquakes, rivers and water cycles, polar regions. Dangers of the earth **R.E.:**Christianity and images of GodHoly TrinityBaptismMiracles and stories (parables) with meaning/messagesHarvest 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, smoothingDrawing **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 mCalculate 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 readsHow to train your dragonGrammar linked to sentence structureCharacter descriptionsStory styles and settingsMyths and legendsBeowulfPie Corbett – Talk for Writing**Science:**SoundHow it is formed: travel. loudness, pitchInvestigations linked to soundLife cycles, habitats and classification Animals including humansClassification and identification of living thingsIdentify the effects humans can have on habitatsName the basic parts of the digestive systemIdentify different types of teeth**ICT:** Touch typing Coding and instructionsInternet safety week  | **History:**ChronologyAnglo-Saxon and Vikings (Invaders and settlers)Sutton HooReligion, worship and beliefsRunes and communicationWar and warshipsMyths and legendsDaily lifeArt and culture Paganism and Christianity**Geography:**Types of settlements/kingdoms and how the land is usedCompare UK to European countryMaps and atlases**R.E.:**Chinese New year Easter Story and relevance of Christianity today Islam, Muslim belief, Qur’an. Muslim festivals**PSHCE:**Internet SafetyKeeping healthyKiva 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)JewelleryAnglo Saxon Art**DT:** Viking shieldsDesign a money bag**French:**Where I live Days of the week Weather Animals and descriptions**PE** Multi flex Dance and gymnasticsBasketball and bench ballSwimming |
| 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 measuresDecimals and money.Identify 3D shapes, including cubes and other cuboids from 2D representationsKnow angles are measured in degrees; estimate and compare acute, obtuse and reflex angles.Draw given angles and measure them in degreesIdentify 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 graphsComplete, read and interpret in tables including timetables. **Literacy:**Diary writingAnne FrankLetters **Science:**Moving and growing Human life chain and how the body changesHow do we grow and factors needed for good healthDigestion the digestive system and classification of foods A balanced diet and what foods are needed for growth and health**ICT:** Collect and present data appropriatelyUse of spreadsheets | **History:**A local history study of CongletonHow history has changed the localityDaily lifeEvacuation (Evacuees to Congleton and why?)Leaders Rationing Daily life of man women and children**Geography:**Location of the world’s countries allies and axisFieldwork – Local field trip in Congleton include sketches and map work linked to the locality Grid references **R.E.**Religious ArtefactsJudaism festivals, the covenant, Importance of the TorahPersecution 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’sPainting **DT:** Cooking dishes linked to rationingMake gas mask box**French:**Telling the timeClothes**P.E.:**Multi-FlexRounders and tag rugbyAthletics and sports |