



CARGILFIELD

Form 4 Programme of Study – Summer Term 2020

	Key areas to be studied	Resources/Key texts
Maths – Both Sets	<p>Number and numeracy: Place value and number order including decimals and negatives.</p> <p>Number and numeracy: Mental calculations - add, subtract, multiply and divide.</p> <p>Number and numeracy: Accuracy using and applying written methods - four operations.</p> <p>Number and numeracy: Decimals, fractions and negative numbers.</p> <p>Space, Shape and Measure: Time and timetables, angles and position.</p> <p>Data Handling: Sorting diagrams.</p>	<p>MyMaths.co.uk</p> <p>Topmarks.co.uk</p> <p>PowerPoints</p> <p>Online demonstrations and modelling of methods from teacher</p> <p>Worksheets</p>
English	<p>Persuasive writing</p> <ul style="list-style-type: none"> • To write balanced arguments about a variety of topics • To express their opinions effectively <p>Grammar and punctuation</p> <ul style="list-style-type: none"> • Paragraphing • Apostrophes, connectives and commas • A variety of reading comprehension tasks – linking to class novel <p>Non Fiction Create Fact files about African animals – focusing on key information</p> <p>Class novel: Continue the Lion King from last term. Create character descriptions from the novel.</p> <p>Continue handwriting practice – writing at length with consistency joins and size.</p>	<p>The Lion King: The Novelization (Audio version too)</p> <p>Nelson Handwriting Pupil Book 3</p> <p>Schofield and Sims KS1&KS2 Handwriting Practice book</p> <p>PowerPoints and modelling from online platform.</p> <p>Class notebook or whole school resource being used.</p> <p>Microsoft Word</p> <p>Twinkl</p>

French	<p>Topics</p> <ul style="list-style-type: none"> • Shopping for clothes • Daily routine • Means of transport • Cultural Facts about France • Grammar <p>Learning about adjectives (Giving opinions)</p> <p>Reinforcing gender agreements</p> <p>Numbers 60-80</p> <p>Verbs aller/to go, prendre/to take and starting with more complex verbs (reflexive) to describe a routine</p> <p>Time revising our 24 hour clock system in France.</p>	<p>Resources and assessment.</p> <p>I will create an online unique code for the children to access Active teach. They will be able to do listening and/or reading activities.</p> <p>To continue vocabulary build up we will work on creating a picture dictionary (easier for the children to understand at this stage to understand the meaning of a word by visualising it). For more advanced pupils we will practise using a French dictionary.</p> <p>Word search and worksheet will be available to support every topic with various level of difficulty.</p> <p>Short videos/ cartoon will help them to continue developing their listening skills.</p> <p>I will create worksheets to support any videos that we will be using online. (TV5 monde/Youtube)</p>
Science	<p>Friction</p> <ul style="list-style-type: none"> • Best shoe grips- design a trainer • Aerodynamic shapes • Water resistance • Air resistance- experiment with paper planes or spinners • <p>Keys and classification</p> <ul style="list-style-type: none"> • How to classify living species, use a key • Mini-beast hunt • Wood lice habitats investigation • Food chains <p>Rocks and soil</p> <ul style="list-style-type: none"> • Properties and uses of main rock groups- be a rock detective 	<p>PowerPoints</p> <p>Twig</p> <p>PowerPoint</p> <p>Shepperd software food chain activities</p> <p>PowerPoint</p>
Geography	<p>Weather</p> <ul style="list-style-type: none"> • The Atmosphere • Wind • Temperature • Moisture • Air Pressure • Clouds • Weather Symbols 	<p>PowerPoints</p> <p>Worksheets</p> <p>Access to YouTube required</p>
History	<p><u>Inventors</u></p> <ul style="list-style-type: none"> • Who Invented What and When • Victorian Inventions • Alexander Graham Bell • James Watt • Thomas Eddison • Being an Inventor 	<p>PowerPoints</p> <p>Worksheets</p> <p>Access to YouTube</p> <p>Materials from home – to make their own rain gauge if possible</p>

RS	<p>Special Places & Identity</p> <ul style="list-style-type: none"> • Special places at school & home • Special Places – religious; Christian, Jewish & Sikh • Symbols – Christian, Jewish & Sikh 	<p>PowerPoints</p> <p>Worksheets</p> <p>Materials from home – photo of ‘special’ place/things to make a collage if possible</p>
Music	<p>The lives of Great Composers</p> <p>The children will learn about and create information posters on the lives of Bach, Beethoven, Wagner, Rachmaninov and Stravinsky and listen and respond to key pieces of music by these composers</p> <p>Musical notation</p> <p>Short exercises or games practicing skills in musical notation</p>	<p>Worksheets, some games using items that can be made at home (eg paper with 5 lines on and 8 coins)</p> <p>Links to recordings of the composers works available on youtube (other recordings, for example on spotify, or CDs at home of the same music could also be used)</p>
DT	<p>Structures</p> <p>Research Frame and Shell Structures. Create a PowerPoint on Structures</p>	<p>Booklet will be posted in Teams with questions and worksheets to be completed. Final project will be a PowerPoint (template to be posted in Class Notebook).</p>
CS	<p>Coding</p> <p>Children to complete the Course E but not unplugged lessons.</p> <p>Artificial Intelligence: What is Machine Learning</p>	<p>Links to be posted to Teams</p> <p>Teacher can monitor the progress online. All work completed using computer but can be done on a tablet.</p>