

Tutor time: **Mon** – Newsround (current affairs) & signing of planners, **Tues.** Wk A – numeracy challenge, Wk B – attendance trackers, **Weds.** – Sports hall inter-tutor activities, **Thurs.** – Literacy task/silent reading, **Fri** – Year group assembly.



Year 7 Curriculum

**Ambitious and Challenging
Broad and Balanced
Equality of Opportunity**

	Maths	English	Science	RE	History	Geography	MFL	Music	PE	Technology	Art	Food	Drama	Computing
Term 1	<p>STAGE 2 Read, write & count in steps of 100, 1000, 10000. Estimate, compare & solve basic time problems. Accurately measure, estimate, identify & read scales Solve problems involving adding & subtracting 3 digits. Calculate & measure perimeter of basic shapes. Identify order, find difference & use negatives. Present, solve, read from freq. tables, bar charts, pictograms, time tables & vertical line charts MATHS WEEK</p> <p>STAGE 3 Find the HCF and LCM of two or more numbers. Use short division for dividing 3 by 1 digits with integer remainders. Construct scale drawings & convert metric units. Explore equivalent fractions & fractions of amounts. Solve simple area problems incl. compound shapes. Solve problems involving the median & range solve worded & multi-step problems involving adding & subtracting up to 4 digit integers</p> <p>STAGE 4 Find the sum of angles in polygons. State values which round a number to 10, 100, 1000. Solve worded problems including negative numbers. Simplify expressions incl. single brackets & factorise. Solve worded problems involving all 4 operations. Solve comparison, sum & difference probs with vertical line chart, frequency polygons & diagrams, & pie charts. Solve worded problems involving FDP & ratio. Substitute FDP into functions & formulae.</p> <p>STAGE 5 Round to decimal places & significant figures. Solve & represent inequalities on a number line. Solve problems involving circumference of a circle. Convert between metric units of area & volume. Write time in various units & combinations of units. Multiply & divide integers & decimals; understand the effects & solve problems. Plot & interpret time series & scatter graphs. Construct triangles, quadrilaterals & a hexagon.</p>	<p>Transition Unit Pupils develop inference skills through prose and non-fiction texts. Accelerated Reader Pupils develop transactional writing skills through the study of a novel.</p> <p>Cross-Curricular Day Rotary Youth Speaks. SMSC: Death/Law.</p>	<p>Cell structure and specialised cells Particle model of matter Forces and their effects</p> <p>Graphing skills and data handling are taught throughout this term.</p> <p>STEM Outreach, Skyhawk crossover, robotics visitor, Primary Quiz</p>	<p>Who is God? - Mystery and truth. Revelation. Characteristics of God. (omnipotent, omniscient, benevolent, eternal) Trinity. Jesus - Historical context and nature of Jesus.</p> <p>Skills- Learning to appreciate more than one point of view. Being able to explain a concept by giving a reason for it.</p> <p>Articulating opinions and explaining reasons for them</p>	<p>Develop History skills. Recap impact of Rome on Britain. 1066, exam, feudal system, Domesday Book, Church, monks + nuns, town and country, Black Death, public health, exam. Crusades, impact of Islam on Europe.</p> <p>Encourage pupils to visit historical sites as part of Castles Project. Many use photos of visits.</p>	<p><i>Describing photos/Latitude and longitude/OS maps 4/6 figure grid refs/distance/direction/Scale</i> <i>Height on maps</i> Fantastic places – Amazon TRFs / Sahara hot desert Skills: Describing climate using climate graphs/decision making exercises</p> <p>Global issues deforestation links to climate change and desertification and links to climate change. Indigenous tribes ways of life and culture</p>	<p>Transition vocabulary Siblings & characteristics School and routine</p> <p>Skills Photo card skills regular and irregular present tense verbs Expressing opinions French school system</p> <p>National FL writing competition</p>	<p>Baseline test— listening, genres and basic composition. Graphic scores and musical elements. Learning to follow and create pictures of sound. Musical Structures— learning musical forms. Characterisation and instrumentation. Composition, performance, listening and appraising. (Links to emotions and characters 7 tm3; Film and Programme Music 8 tm2; Film Music KS4)</p> <p>Performance by brass group in assembly.</p>	<p>Develop basic skills in invasion games, using a range of tactics & strategies. Focus on skill acquisition. Football - control, touch, side-foot passing, striking the ball, small-sided games Netball - passing, handling, catching, basic rules, positions, footwork Basketball - ball control, passes: chest, bounce, overhead, set shot, basic rules Handball - short passing, catching, control, basic rules Rugby - ball handling, passing and receiving, simple rules, offside, playing the ball after tackle Hockey - passing: push, sweep; receiving, control, dribbling, basic rules</p>	<p>Rotation 1 (8 weeks) DESIGN, MAKE & EVALUATE MOODLAMP</p> <p>Iterative design process Design brief (given to them)</p> <p>Product analysis (writing frame used in a question and answer format)</p> <p>Electronic components (symbols and their uses)</p> <p>Resistors (Calculating values)</p> <p>Circuit diagrams</p> <p>Writing a specification</p> <p>Sketching (crating and ovals techniques)</p>	<p>Rotation 1 (8 weeks) Portraits-baseline assessment Differentiation. Tasks/target set</p> <p>Home works to enhance the work done in class. Showing connections and understanding.</p> <p>Power points</p> <p>Develop ideas from a design brief –given out and discussed. Power point.</p> <p>Demonstrate their ability to bring together their knowledge, understanding connections and skills.</p> <p>Evidence of written annotation.</p> <p>Research on an artist showing connections within their own work.</p> <p>Creative skills. Experimentations using a mixture of materials and techniques. Imprints/batik/printing skills.</p> <p>Primary studies using mixed materials. Secondary studies using mixed materials.</p> <p>Introducing different techniques and skills.</p> <p>Exploring and experimenting.</p>	<p>Rotation 1 (8 weeks)</p> <p>Theory and Practical</p> <p>Key words</p> <p>Homework</p> <p>Nutrition - Macro/ Micro Nutrients</p> <p>Hygiene and Safety- food hygiene / personal hygiene</p> <p>Washing up (life skill) Obesity Eat well guide Important temperatures (danger zone)</p> <p>Faults in cake making</p> <p>Product analysis (theory basic)</p> <p>Evaluating</p> <p>Following recipe Measuring / Weighing ingredients Knife Skills. (bridge cut)</p> <p>Enzyme Browning</p> <p>Practical- Fruit Salad, Fruit Muffins, Scone based Pizza, Mushroom Risotto, Shepherd’s pie, Truffles, pasta salad.</p> <p>Discuss and cook different countries dishes.</p>	<p>Carousel (8 weeks) FAIRYTALES</p> <p>Confidence in performance</p> <p>Projection</p> <p>Characterisation Facial Expressions</p> <p>Body Language</p> <p>Basic drama terminology</p> <p>Freeze Frame</p> <p>Thought Track</p> <p>Body as Prop</p> <p>Mime</p> <p>Placards</p> <p>SKILLS: FREEZE FRAME, THOUGHT TRACK, BODY AS PROP, MIME, PLACARDS</p> <p>Theatre Trip/involvement in production/open evening/options eve</p>	<p>Carousel—16 lessons approximately</p> <p>Micro bit programming</p> <p>Programming skills using a block editor</p> <p>Sequencing</p> <p>Variables & use in programs</p> <p>Loops, random, if and else</p> <p>Using computer safely securely & responsibly</p> <p><i>Skills in internet searching, presentations, word processing:</i></p> <p>Social networking</p> <p>Data security</p> <p>Ethics</p>
Term 2	<p>STAGE 2 Write & describe a number sequence. Use mental & written methods for multiplying & dividing up to the 12 times tables. Find area of shapes on a grid & draw a shape given the area. Draw & label axes. Read & plot coordinates in all 4 quadrants. NSPPC NUMBERS DAY</p> <p>STAGE 3 Round numbers to the nearest 10, 100, & 1000. Write algebraic expressions. Work with basic angle facts. Solve data problems incl. dual & composite bar charts. Read, write, order & compare numbers up to 10000000 Order decimals up to 3 digits using symbols. Know equations & plot vertical & horizontal lines on axes.</p> <p>STAGE 4 Solve problems involving four operations on fractions. Calculate with roots & positive integer indices; estimate roots of decimals. Recognise shapes from plans & elevations. Find the nth term & linear sequence given nth term. Justify if a number is in a sequence. Solve problems involving % of amounts. Understand $y=mx+c$. Compare & solve problems - volume of cubes & cuboids.</p> <p>STAGE 5 Multiply & divide a combination of positive & negative integers, F&D including with a calculator. Solve problems involving area of a circle. Calculate angles in parallel lines & give reasons. Solve problems using Pythagoras’ theorem. Add & subtract a combination of positive & negative integers, F&D including with a calculator. Increase/ decrease an amount by a %. Calculate & solve problems involving volume of prisms.</p>	<p>Magazine Project Pupils develop skimming and scanning skills for accurate information retrieval. Nature Poetry Pupils develop an awareness of how writers use figurative language.</p> <p>World Book Day Events. Author Visit.</p>	<p>Systems of the body Atoms, elements & compounds Sound & Light waves</p> <p>Practical skills of planning with variables are completed in this term.</p> <p>Outside speaker on Astronomy, STEM day, BSW Uni. visit (Manchester Met)</p>	<p>Parables of God’s Kingdom and their interpretations. Lent and Holy Week - The events and significance of Jesus’ passion, death and resurrection. Skills - Understanding how to interpret stories and to explain them independently. Being able to sequence events in chronological order Reflecting on actions and consequences according to Catholic beliefs. Understanding sacrifice Day retreat at Lowe House.</p>	<p>Castles project: William I, purpose, motte+bailey, development over time, attack+defence, life, personal research on case studies. Significant hw expectations. Tudors, Reformation, religious conflict, Elizabeth I, Renaissance, Golden Age. May not complete exam before Easter.</p> <p>Renaissance— introduction to Elizabethan Theatre.</p>	<p>Settlement – urbanisation opportunities and challenges Skills: Map evidence, OS maps/decision making extended writing Weather and climate U.K.microclimates/ climate change Skills: reading and interpretation of weathermaps/climate graphs and satellite imagery Looking at how people live in HICs and LICs. Challenges of life in urban areas. Impact of climate change locally and internationally.</p>	<p>Sports & hobbies Online activities Describing family Places in town</p> <p>Skills Forming questions using qu’est-ce que and est-ce que Revision of ER verbs</p> <p>Holiday camps in France, sport/life in French speaking countries/Le Petit Nicolas literary text</p>	<p>Reading musical notation and basic keyboard skills. Find your voice— learning to sing in a Capella group. Performance and evaluation (Links: Notation builds on Graphic scores 7 tm1; notation used throughout KS3 and 4. Blues 8 tm1; 8 tm3; throughout year 9 and KS4. Vocal work links to 7 tm 3 mash ups, 8 tm3 and throughout yr 9 and KS4).</p> <p>Big sing in assembly.</p>	<p>Develop basic skills in individual activities & net games, Greater focus on skill acquisition. Badminton - racket familiarisation, control, grip, stance, short rallies, Table Tennis - ball control, grip and stance, serves, singles rules Gymnastics - floor agilities: rolls, movement, balances, cartwheels; vaulting: Fitness - muscles / bones, warm-up / cool-down, basic training methods Dance - basic movements: turn, travel, roll, jump, balance, gesture;</p>	<p>Presentation drawings and annotating. (leading questions to help with annotating)</p> <p>Modelling, development and modifications.</p> <p>CAD (2D Design) basics</p> <p>Record of manufacture</p> <p>Evaluating (writing frame used in a question and answer format) BASIC MANUFACTURING SKILLS CAD, laser cutting, soldering and circuit manufacture. Sawing, filing, sanding, finishing, drilling and countersinking. Sustainability, the environment, social, moral and cultural issues.</p>	<p>Following recipe Measuring / Weighing ingredients Knife Skills. (bridge cut)</p> <p>Enzyme Browning</p> <p>Practical- Fruit Salad, Fruit Muffins, Scone based Pizza, Mushroom Risotto, Shepherd’s pie, Truffles, pasta salad.</p> <p>Discuss and cook different countries dishes.</p>	<p>Theatre Trip/involvement in production/open evening/options eve</p>	<p>Ethics</p>	
Term 3	<p>STAGE 2 Understand worded formulae. Name, order, compare & count in unit fractions Recognise & find equivalent fractions. Venn & Carroll diagrams. Draw, name & know properties of 2D shapes. Describe & draw translations of shapes on a grid.</p> <p>STAGE 3 Shade %s of shapes converting between FDP. Translate using vectors & reflect on a coordinate grid. Write worded formulae. Solve probs - positive & negative integers & simple FDP. Understand the 0-1 probability scale. Write & solve two step equations using balancing & function machines with positive integer sols. Solve simple proportion probs. Construct 2D shapes given metric lengths and angles</p> <p>STAGE 4 Solve 1 & 2-step equations using negative & fractional integer solutions including brackets. Describe a rotation, translation & reflection on a grid. Write a ratio in the form 1: n & n: 1. Calculate averages from a freq. table. Use lists to find probabilities. Convert between metric & imperial mass & length units. Construct & interpret maps & scale drawings.</p> <p>STAGE 5 Calculate missing values in frequency trees. Understand & calculate using relative frequency. Identify parallel lines to graphs; solve problems on coordinate axes. Use ratios to solve problems. Write, convert, order & calculate standard form. Describe & draw all four transformations.</p>	<p>Our Day Out (20th Century Play) Pupils begin to understand how context informs authorial intent. An Introduction to Shakespeare Pupils develop the skills to communicate difficult concepts clearly.</p> <p>Stratford Trip. Archdiocese Public Speaking. SMSC: Betrayal.</p>	<p>The reproductive system Acids and their reactions Earth and Space</p> <p>Skills requiring analysis of data and enquiry with research.</p> <p>Guide dogs for the blind, Big Bang NW, Primary Transition</p>	<p>Judaism. Features of the synagogue (Ner Tamid, Bimah, Ark, Torah Scrolls), Bar Mitzvah, Shabbat, Jewish Care. Sacramental Imagination. Overview of 7 Sacraments. Signs and symbols of Baptism and the Eucharist. Skills - To explain religious symbols and their significance. Learning to appreciate different beliefs. To develop tolerance and respect for other faiths / ways of life</p>	<p>The Stuarts, James I, Divine Right of Kings, Gunpowder Plot. Charles I+Parliament, Civil War Exam. Cromwell, Ireland, Plague and Fire, development of science and technology.</p> <p>Warwick Castle trip to enrich studies of castles.</p>	<p>Ice landscapes- Features of glacial landscapes and case study of Antarctica Skills: Map skills review/Identifying features from OS maps/Relief patterns/Cross sections/transects Environmental field study-fieldwork skills</p> <p>Experience of outdoor learning/collecting fieldwork data. Understanding of the local environment and local environmental issues.</p>	<p>Weekend plans Inviting others out & ordering food Describing a celebration</p> <p>Skills -introduction to the futur proche -using tu and vous</p> <p>A virtual visit to Paris, Learning about Bastille Day</p>	<p>Major/minor— emotions and characters, Basic ukulele skills 3 chord mash-ups - using keyboard ukulele and voice. Performance composition, listening and appraisal. (Links: 7 tm1; 8 tm2—ukulele work; 8 tm3; yr 9 throughout. Also links to composition work at KS4)</p> <p>Opportunities for talented pupils to perform in Summer concert.</p>	<p>Develop basic skills in athletic activities and striking & fielding games Greater focus on skill acquisition. Athletics (track) - starting technique, race pacing Athletics (field) - safety, standing throws and jumps / techniques, measuring Cricket - batting: grip, stance, running; fielding: throwing and catching, long barrier; kwik-cricket games Rounders - grip, stance, throwing & catching, simple rules Softball - grip, stance, simple rules,</p>	<p>Test pieces using mixed materials. Initial ideas using mixed materials.</p> <p>Final designs refined</p>				

