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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Art** | **Topic:** Sculpture- History link Mythical creatures**Knowledge:** Ancient Greek art and culture**Skills:** Use a sketchbook to record preparatory workPull a shape from clayAdd texture  | **Topic:** Drawing (portraits)**Knowledge:** Correct proportion of human face/shape of features **Skills:** Apply skills (hatching/cross hatching) Use colour washes and blocks of solid colour | **Topic:** Painting (Picasso)**Knowledge:**Know about the work of great artistsUnderstand how choice of subject, technique and colour create mood and feeling **Skills:**Refine mark making for effect (hair, eyes)Create solid blocks of colourMix secondary colours  |  **Topic:** Drawing (Architecture/landmarks - Geography link-France)**Knowledge:**Describe key work, ideas and practices of artists, architects and designers**Skills:**Use a sketchbook to collect ideas and develop a plan.Develop drawing techniques.Select techniques to represent texture | **Topic:** Mosaic/collage (History link-Roman motifs)**Knowledge:**Know about Roman art & cultureUnderstand how to improve work **Skills:**Collect ideas and develop a planCreate patternSelect colour for effect |
| **Computing** | [**The Internet**](https://teachcomputing.org/curriculum/key-stage-2/computing-systems-and-networks-the-internet)Device: n/aProgramme/app: n/a | [**Data Logging**](https://teachcomputing.org/curriculum/key-stage-2/data-and-information-data-logging)Device: MicroBits & PCsProgramme/app: codeitProject: n/a[Photo Editing](https://teachcomputing.org/curriculum/key-stage-2/creating-media-photo-editing)Device: iPadsProgramme/app: Apple Photos | [**Audio Production**](https://teachcomputing.org/curriculum/key-stage-2/creating-media-audio-editing)Device: iPadsProgramme/app: Garage BandProject: Ancient Greeks | [**Repetition in Games**](https://teachcomputing.org/curriculum/key-stage-2/programming-b-repetition-in-games)Device: PCsProgramme/app: Scratch | Computing time use for Multiplication Check  | **Repetitio**[**n in Shapes**](https://teachcomputing.org/curriculum/key-stage-2/programming-a-repetition-in-shapes)Device: PCs Programme/app: Scratch |
| **Computing (Project Evolve)**  | Privacy & Security | Online Bullying | Health, Wellbeing and Lifestyle | Online relationships & online reputation | Copywrite and Ownership  | Managing Information Online |
| **DT** | **Topic:** Money containers**Knowledge:** Designing for a purpose Exploring fastenings Developing knowledge of stitches**Skills:** Planning for a purpose Making prototypesDeveloping a range of stitches for a purposeUsing an appropriate fastener | **Topic:** Using electrical circuits in design**Knowledge:** Designing for a purpose Creating an item using bulbs or buzzers with a circuit**Skills:** Problem solvingPlanning for a purpose Accurate measuring, cutting and joining Fixing components to a product | **Topic:** Healthy eating**Knowledge:** Making a healthy lunch**Skills:** Slicing, grating, cutting, peeling, sauté, simmering and blendingUsing instructionsMeasuring & weighing ingredients accurately |
| **English** | **Topic:** Place value of Grammar **Class Reader:** Grandad & John by Jeanne Willis Bill’s New Frock by Anne Fine | **Topic:** Greek God Non-Chron Report**Purpose:** To inform **Audience:** Year 4 children **Register:** Formal, Historical expert **Topic:** Greek Myth **Purpose:** To entertain **Audience:** Year 4 children **Register:** Formal/ historical expert **Class Reader:** Cloud Busting by Malorie Blackman  | **Topic:** Formal Persuasive letter **Purpose**: To persuade **Audience:** Official (CEO of SeaWorld) **Register:** Formal**Topic:** Explanation Text- How to make chocolate**Purpose:** To Explain **Audience:** Year 4 children **Register:** Informal Chatty Style **Class Reader:** Charlotte’s Web (E.B. White)  | **Topic:** Narrative: Speech for characterisation and settings (Butterfly Lion) **Purpose:** To entertain**Audience:** Readers of Butterfly Lion**Register**: Authorial style**Class Reader:** Butterfly Lion by Michael Morpurgo  | **Topic:** Diary (Journey to Jo’burg) **Purpose:** To recount **Audience:** Yourself **Register:** Informal **Topic:** Informal letter (Journey to Jo’burg) **Purpose:** Personal Communication **Audience:** Nono **Register:** Informal **Class Reader:** Journey to Jo’Burg by Beverley Naidoo  | **Topic:** Taking Flight **Purpose:** Narrative- Speech Focus (for action) **Audience:** Year 4 **Register:** Authorial Style **Topic:** Suspense and character description (Alma) **Purpose:** To entertain (suspense)**Audience:** Year 4 children **Register:** Authorial Style **Class Reader:** The Girl who Stole an Elephant by Nizrana Farook Julius Caesar by William Shakespeare  |
| **French** | Phonics 1& 2**Knowledge:** Learn key French sounds  | **Topic:**Presenting Myself**Knowledge:** Learn key French sounds Revise greetingsNumbers 1-20Asking for key information1st personAdj. agreement**Skills:** Ask and answer simple questionsCreate a short spoken passageRead short phrasesWrite short phrases | **Topic:** Family**Knowledge:**Family membersNumbers to 100Verb (to be called) Gender & articlesPossessives**Skills:**Ask and answer simple questionsCreate a short spoken passageRead short passagesWrite short phrases | **Topic:** Classroom**Knowledge:**Classroom objects Gender & articles1stperson (to have) PossessivesNegativesConjunctions**Skills:** Ask and answer questionsRead short passagesWrite short phrases | **Topic:** In the tea room **Knowledge:** Names of food, snacks and drinks.Change singular nouns to plural form.**Skills:** Ask and answer questionsCreate short spoken passageRead extended passageWrite sentences | **Topic:** Weather **Knowledge:** Weather NegativesConjunctions**Skills:** Ask and answer questionsCreate short spoken passageRead extended passageWrite sentences |
| **History and Geography** | **Topic:** Ancient Greeks**Knowledge:** An understanding of where and when Ancient Greece was The importance of Gods and religion Daily life, Greek myths, keybattles, legacy**Skills:** ChronologyHistorical enquiry**Trips/enrichment opportunities:** Past Productions Ancient Greeks Day | **Topic**: Europe and France**Knowledge** Children learn about areas in the UK- cities, counties, regions and physical and human features (Locational) Children then learn about countries in EuropeDetailed day learning about France and the different areas of it - city life, Alps and southern FranceComparison to the UK**Skills:** Using atlases and 4/6 figure grid references on an OS map (Lake District) | **Topic:** Romans**Knowledge:** The CeltsWhy the Romans invadedLife in the Roman armyBoudicca’s revoltLegacy**Skills:** ChronologyHistorical enquiryInterpretations of the past**Trips/enrichment opportunities**: Fort Nelson Trip |
| **Maths**(Fluency, problem solving and reasoning included in all topics) | **Place Value** Understand Thousands Represent and partition numbers to 10,000 Find 1, 10, 100, 1,000 more or less Number lines to 10,000 Compare and order numbers to 10,000 Round to the nearest 10, 100 and 1000  **Addition and Subtraction** Understanding the relationship between + and –  Add and subtract 4-digit numbers using a written method (including exchanges) Efficient subtraction  Checking strategies using inverse  **Multiplication and Division** Multiples of 3 Multiply and divide by 6 Multiply and divide by 9 The 3, 6 and 9 times-tables Multiply and divide by 7 11 times-table and division facts 12 times-table and division facts Multiply by 1 and 0 Divide a number by 1 and itself Multiply three numbers  | **Multiplication and Division** Factor pairs Multiply and divide by 10 and 100 Related facts – multiplication and division Multiply Use written methods to multiply up to 3-digit numbers by a 1-digit number Use written methods to divide  up to 3-digit numbers by a 1-digit number Correspondence problems  **Area** Find area by counting squares Make and compare areas  **Length and Perimeter** Measure in kilometres and metres Find equivalent lengths (kilometres and metres) Calculate perimeter  Find missing lengths in rectilinear shapes Find perimeter of regular and irregular polygons  **Fractions** Understand the whole Equivalent fractions Count beyond 1 (understanding mixed and improper) Convert mixed numbers and improper fractions Add and subtract two or more fractions , including mixed fractions Find a fraction of an amount  | **Decimals** Tenths as fractions and decimals Hundredths as fractions and decimals Round to the nearest whole number Count in decimal steps Divide a 1 or 2-digit number by 10 or 100 Make a whole with tenths & hundredths  Partition decimals Compare and order decimals Halves and quarters as decimals Add and Subtract using decimal numbers  **Money** Write money using decimals Convert between pounds and pence Compare amounts of money Calculate with money  Solve problems with money  **Shape** Identify angles Compare and order angles Identifying different triangles Identifying different quadrilaterals Different Polygons Lines of symmetry  **Data & Time** Interpret charts  Comparison, sum and difference  Interpret line graphs  Years, months, weeks and days Hours, minutes and seconds Convert 24-hour clock time  |
| **Music** | **Topic:** Body and tuned percussion**Knowledge and skills:** identify the structure of a piece of music, play contrasting rhythms and melodies together, perform as an ensemble.**Theme:** Rainforests  | **Topic:** Changes in pitch, tempo and dynamics**Knowledge and skills:** create and perform a piece with ostinatos, sing in tune and in harmony as an ensemble, use musical terminology accurately.**Theme:** Rivers | **Topic:** Chinese New Year (performance)**Knowledge and skills:** ensemble singing with increasing confidence, understand the meanings behind the songs | **Topic:** Samba**Knowledge and skills:** understand the features of samba music, understand and play syncopated rhythms, compose a basic rhythmic break, perform rhythmic breaks as an ensemble.**Theme:** Carnival |  | **Topic:** Adapting and transposing motifs**Knowledge and skills:** understand musical motifs, sing in tune and in time, compose and notate a musical motif, combine and perform different versions of musical motifs.**Theme:** Romans |
| **RE** | **Concept:** Creation**Knowledge:** Christianity Beliefs, stories**Big picture:** Where do different religions derive?Learn about where in the world Christianity comes from | **Concept:** Advent**Knowledge:** ChristianityFestivals, beliefs, religious practices **Big picture:** Where do different religions derive?Learn about places in the Bible and where they are in the world Learn about where Christian populations live today | **Concept:** Parinirvana**Knowledge:** BuddhismFestivals, religious practices, religious figures, beliefs**Big picture:** Where do different religions derive? Learn about where Buddhism began in the world and where it is most practised now | **Concept:** Community **Knowledge:** Humanist celebrations Culture, festivals, religious practices**Big picture:** Where do different religions derive?Learn about where Humanist views started and where Humanist populations live today |
| **PSHE** | **Topic:** Anti-Bullying – Bystanders**Knowledge** Understand what bullying isExplore how bullying makes victims feelUnderstand the role of bystandersUnderstand and develop strategies to prevent bullying | **Topic:** Keeping Safe**Knowledge** Know the stop, look, listen, think sequenceIdentify safer places to cross the roadKnow key road skills when travelling without an adultIdentify potential hazards minimise chances of getting into danger in open waterRecognise lifeguards and the safe swimming flagsUnderstand that cold water can affect my ability to swim and know to float on my back if I unexpectedly fall into cold waterKnow how to have fun by the water and be safeUnderstand it’s most important to ensure the safety of myself and others in the event of an emergencyLearn to assist in an emergency by correctly calling for helpLearn how to manage risk in relation to sun exposure, including skin damage and heat stroke | **Topic:** Healthy Choices**Knowledge** Learn what makes a healthy diet and why this is importantLearn about the importance of regular, physical activityLearn about strategies to maintain a balanced lifestyleLearn about the safe use of medicines and household products.Learn that caffeine, cigarettes, vaping (e-cigarettes) and alcohol can affect people’s health.Learn about the importance of dental health routines | **Topic:** Health education - changing adolescent body**Knowledge**Name different parts of the body, including genitaliaRecognise appropriate and inappropriate physical contact and how to respond to unwanted physical contact (PANTS rule)Understand key facts about puberty and the changing adolescent bodyUnderstand the key facts about the menstrual cycleUnderstand the importance of keeping clean during pubertyUnderstand the emotional changes that happen during pubertyKnow where to get information, help and advice about puberty |
| **PE** | Seated volleyball, bean bag curling and fitness circuits  | Dance – Greeks  | Gymnastics- balances | Dodgeball/spikeballPE shed games | Tag rugby | Rounders |
| Playground games, Daily Mile intro and throwing and catching skills | Endball | handball | cricket | Sports Day/Athletics | Tennis |
| **Science** | **Topic:** States of matter**Knowledge:** Compare and group materials together, according to whether they are solids, liquids or gasesObserve that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature**Skills:** All working scientifically skills with a focus onmaking predictions, setting up tests and recording data | **Topic**: Sound**Knowledge**: identify how sounds are made, associating some of them with something vibratingRecognise that vibrations from sounds travel through a medium to the earFind patterns between the pitch of a sound and features of the object thatproduced itFind patterns between the volume of a sound and the strength of the vibrations that produced itRecognise that sounds get fainter as the distance from the sound source increases**Skills:** All working scientifically skills with a focus onasking questions and observing and measuring | **Topic**: Electricity**Knowledge**:Identify common appliances that run on electricityConstruct a simple series electrical circuit, identifying and naming its basic partsIdentifywhether or not a lamp will light in a simple series circuitRecognise that a switch opens and closes a circuit Recognise some common conductors and insulators, and associate metals with being good conductors**Skills**:All working scientifically skills with a focus onmaking predictions and evaluating | **Topics**: Living things and their habitats**Knowledge**:Recognise that living things can be grouped in a variety of waysExplore and use classification keys to help group, identify and name a variety of living things in their local and wider environmentRecognise that environments can change and that this can sometimes pose dangers to living things**Skills**: All working scientifically skills with a focus onasking questions and interpreting and observing and measuring | **Topic**: Animals including humans**Knowledge**:Describe the simple functions of the basic parts of the digestive system in humansIdentify the different types of teeth in humans and their simple functionsConstruct and interpret a variety of food chains, identifying producers, predators and prey**Skills**:All working scientifically skills with a focus onmaking predictions and interpreting and communicating results |