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| **Geography Focus – Enquiry Question****How is our country changing?** | **Y5 Changes in our Local Environment****How has our area changed from past to how might it look in the future?** | **The Curriculum – Threshold Concepts** |
| **Working goegraphically to:** **Communicate Goegraphically** * name and locate counties and cities of the UK, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

**Enquire Goegraphically** * understand geographical similarities and differences through the study of human and physical geography of a region of the UK

**Use mapping techniques*** use maps, atlases, globes and digital/computer mapping to locate countries and describe features
* use the eight points of a compass, four- and six-figure grid references, symbols and key (including the use of OS maps) to build their knowledge of the UK and the wider world

**Study Location** * use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies.
 | The Explorer (Katherine Rundell) themed subject and object ...**English Focus text: The Explorer by Katherine Rundell** **Writing Outcomes:** Diary Entry: The point of view of a character Setting Description: The Amazon Rainforest detailing change over time**Reading Outcomes:**Reading skills: predicting, clarifying, questioning and summarising. **Grammatical Skills:**Subject related vocabulary (incl. old English) Basic punctuation Present Tense (for stage directions) Word classes Adverbs (character’s actions) Pronouns Determiners Prepositions (scene description)**Link Reading:** ‘Bombs and Blackberries – WW1 – a play script’ by Julia Donaldson**‘**Journey to the river Sea’ – Eva Ibbotson **Maths: White Rose****Addition & subtraction** • Add and subtract whole numbers with more than 4 digits,including using formal written methods (columnar addition and subtraction) • Add and subtract numbers mentally with increasingly large numbers • Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.**Multiplication & division** • Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. • Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers • Establish whether a number up to 100 is prime and recall prime numbers up to 19 • Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers • Multiply and divide numbers mentally drawing upon known facts • Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context • Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 • Recognise and use square numbers and cube numbers, and the notation for squared (2 ) and cubed ( 3 ) • Solve problems involving multiplication and division | **P.E****Invasion Games**Netball Skills**ICTComputer Science**: Spreadsheets – Using Formula to automate mathematical problems.**Computer Science:** Networks: Search Algorithms*E-Safety project: Project evolve – online bullying* **PSHE****Jigsaw: Celebrating difference**To explore culture and cultural differences.**MUSICUnit 2: Solar Systems** Key Skill: ListeningTo play and perform; to compose and improvise. **MFL****Intermediate Skills**Unit: The Date**Art****Pathway: Making Monotypes****DT****Unit Focus: Structures** |
| **Science Physics – Forces** **Working Scientifically to:*** Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object and the impact of gravity on our lives.
* Identify the effects of air resistance, water resistance and friction, which act between moving surfaces.
* Recognise that some mechanisms, including levers, pulleys, and gears, allow a smaller force to have a greater effect.

**Scientific Enquiry:** |