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| **Willow Homework Grid: Alpine Adventures**  **I** I did this **i**ndependently with no help.  **S** I did this with some **s**upport.  **H** I needed lots of **h**elp and found it tricky. | | | | | |
| **English** |  | **Maths** |  | **Topic/Creative** |  | |
| eco-tourism, Omar Samra, Mt. Everest, carbon neutral, carbon credits, Mt. Kilimanjaro, Wild Guanabana, green travel, sustainable tourism***Writing:***  Write a **biography** (an account of a person’s life) about a famous explorer. You will need to research the explorer and find out about their expeditions and achievements. Here are some mountaineers you could research: *Sir Edmund Hillary, Tenzing Norgay, Junko Tabei or Reinhold Messner.*  **Y5:** Can you use **multi-clause sentences** and include a **relative clause** in your writing?  **Y6:** Can you try to use different **adverbials** in your writing? | Date:  Comments: | ***Calculations:***  Please practise multiplication (mental and written methods).   |  |  |  |  | | --- | --- | --- | --- | | Y5: Mental | Y5: Two-digit x one-digit | Y5 or Y6: Long multiplication | Y6: Decimals | | 600 x 8  900 x 7  80 x 80  280 ÷ 7  12²  420÷60 | 56x7  45x3  78x9  67x4  73x6  92x4 | 546x71  465x32  738x93  687x44  7213x68  9862x49 | 6.45x1.7  40.5x3.2  6.89x7.9  78.6x82  31.27x4.5  2.609x7.82 |   If you did this last term, try these:  **Y5:** a) 895 ÷ 5 b) 8792 ÷ 7 c) 9180 ÷ 6 d) 4689 ÷ 11  **Y6:** a) 6527 ÷ 31 b) 4895 ÷ 46 c) 8572 ÷ 39 | Date:  Comments: | ***Science activity:*** *Choose your own activity!*  1) Investigate two local microhabitats. Look closely at what creatures and plants live in this habitat. Can you draw, label and compare the two habitats?  2) Living things are classified into groups depending on their shared characteristics. Carl Linnaeus developed a system which puts all living things into one of five kingdoms:  *Animals - all multicellular animals*  *Plants - all green plants*  *Fungi - mushrooms, moulds, yeast*  *Protists – single-celled organisms, amoebas, algae*  *Prokaryotes/Monera - bacteria*  Draw a poster / information sheet showing the five kingdoms with an explanation and examples.  3) Try this website game: <http://www.oum.ox.ac.uk/thezone/animals/animalid/games/index.htm>  4) Find out about what animals live in mountainous habitats. | Date:  Comments: | |
| ***Reading and EGPS:***  Choose a chapter or a page from a book that you are reading. Create a table with these headings in your book. Identify the different grammar terms and record them in the table.   |  |  |  | | --- | --- | --- | | Expanded noun phrases | Prepositions | Adverbials | | Determiners | Pronouns | Conjunctions | | **Y5:** Relative clauses | **Y5 & Y6:** Parentheses | **Y6:** Examples of active and passive voice | | Date:  Comments: | ***Measure and Statistics:***  **Easy:**  Research the top ten highest summits of the world and record them in a table. Then, convert their heights in metres and kilometres. **Y6:** cm, m and km.  Use the data to create a labelled bar graph showing the 10 summits.  **Challenge:**  **Y5:** Choose one mountain and create a temperature line graph showing the temperatures over a year.  **Y6:** Create a pie chart showing the number of people who climbed the 10 mountains in one year. | Date:  Comments: |
| ***Writing:***  Pick a tourist mountain destination and create a **travel brochure** that persuades people to come and visit.  **Y5:** Use **expanded noun phrases** that include **prepositional phrases** and a formal tone.  **Y6:** Use **persuasive devices** such as emotive language, repetition and make opinions sound like facts! | Date:  Comments: | ***Calculations and Problem-Solving:***  1) Write four problems relating to the mountains topic. Each one must include at least one operation.  **Y5:** Use decimal numbers for addition and subtraction.  **Y6:** Use multi-steps/more than one operation for each problem.  2) Solve your own problem.  3) Use a bar model / part-whole model or another pictorial model to represent your problem. | Date:  Comments: | ***Geography activity:***  *Choose your own activity!*  1) Create a fact file about a particular mountain range.  Highest Mountains in the World  2) Research the different types of mountains *(fold, fault-block, dome, volcanic and plateau)* and write a description of each type using diagrams.  3) Draw a map of the world and locate and mark the highest mountains in the world. | Date:  Comments: | |
| ***Spelling Practice:***  Choose the spelling strategy that will help you to learn the **Y5/Y6 words** (*necessary to restaurant*). You can either create a crossword or write them in sentences or create a quiz to help you learn them.  Spellings: necessary, neighbour, nuisance, occupy, occur, opportunity, parliament, persuade, physical, prejudice, privilege, profession, programme, pronunciation, queue, recognise, recommend, relevant and restaurant. | Date:  Comments: | ***Mental Maths Practice:***  Was there anything in your daily mental maths practice this week that you need further practise with? Use this session to practise this skill. | Date:  Comments: | ***Art activity:***  Create a picturesque landscape of a mountains scene. You could use paint, water colours, collage, colouring pencils, oil pastels, a computer art package such as Paint, pencil, or any art medium that you wish. If you need inspiration, look at the work of famous artists such as John Constable or Paul Cezanne. | Date:  Comments: | |