

**Misty Mountain Sierra!**  
**Y4 Homework Spring 1 - 2017**

	<b>1 point</b>	<b>2 points</b>	<b>3 points</b>	<b>4 points</b>	<b>5points</b>
<b>Verbal</b> I enjoy reading, writing and speaking	Find a news article which involves a mountain. Does it show mountains in a good way or a bad way? Explain what you can learn from this news article.	Create a True or False Quiz about the mountains of the world. It must have at least 10 questions with a second page for the answers!	Write a safety checklist for someone who wants to climb a very hard mountain such as Ben Nevis.	Write a leaflet comparing the lives and achievements of the famous mountain explorers: George Mallory, Sir Edmund Hillary and Rienhold Messner.	Read information books which tell you about how mountains are formed. Can you put this information into your own words and make a display poster? Look at fold, dome, plateau, volcanic and block mountains!
<b>Mathematical</b> I enjoy working with numbers and science	If I climbed the mountain Kilimanjaro but I stopped to rest every 450 meters, how many rests would I need to take? (You will need to do a bit of research).	How are mountains formed? Create a short powerpoint presentation to teach people. ( remember to print out your ppt to bring to school)	What is the difference between a mountain and a volcano? Use science to prove your points.	If I climbed the 10 highest peaks in the world how many meters would I have climbed? Show each step with pictures and correct mathematical methods.	How are animals adapted to live on mountains? Can you find example of animals and the adaptations they have? Are any of these endangered? Why?
<b>Visual</b> I enjoy painting, drawing and visualising	Find the most stunning photo of a mountain that you can. Now label all the different things about that photo which make it so awe-inspiring. Mention 10 things- for eg, look at colour, lighting and atmosphere. How does it makes you feel or think about?	Write a description of a mountain as if you are the mountain. (Use your imagination!)  E.g. I am strong and I am rocky, I have the coldest head and the widest bottom...  Make it fun and effective!	Create a mountain range! You could paint, draw with pencil crayons, use oil pastels, use the computer programme 'paint' or any medium you prefer. Remember as this is 3 points it needs to have time put into it.	Using your favourite photo of any mountain, can you recreate it by drawing it with another medium? Eg- (Chalk, paint, pencil sketch, a programme on a computer)	There are many cool and exciting mountain sports such as skiing and rock climbing. Can you create a new sport which involves mountains? What are the rules?
<b>Kinaesthetic</b> I enjoy doing hands-on activities	Get messy! Using food can you make a mountain? You could use jelly, mashed potato, bake a cake? Take many pictures	Make a poster about the water cycle, remember to use key words such as precipitation and evaporation etc.!	Make some "Top-trumps" cards about mountains of the world. You may need to research "Top-Trumps" and you will need	Find a picture of Sir Edmund Hillary in his mountaineering clothing, compare this with a modern mountaineer. What are the	Get creative! Research contour lines on a map. Use this idea to build a mountain, each layer representing a contour line. Cut

	for evidence! <b>Warning – messy but fun!</b>		to research mountains!	differences? Get a photo for each person and use labels to compare.	and stick each layer on top of each other and write the height in meters for each layer.
<b>Musical</b> I enjoy listening to and making music	Find 5 songs which mention mountains in them. Write the song name, artist and the line/lyric which contains the word.	Listen to the song “The World’s Greatest” by R.Kelly. What does the mountain in this song represent? Explain in detail why it is effective.	Can you recreate 5 different sounds you might hear on a mountain using either instruments or even house hold objects?	Yodelling is always associated with mountains. Can you find out about its history and culture? Present it how you please.	Once we have covered the water cycle in school, create a rap or song about it to help you remember the cycle. There are loads on youtube for ideas!
<b>Interpersonal</b> I enjoy working with others	Find 3 of the most common plants on mountains, why are these most common? One person can find the plants and the other can find out about them!	With a friend watch a documentary on mountains, write about 5 things you learn and remember to say what documentary it is. (David Attenborough has done many!).	Design a game a mountaineer could use to keep them entertained if they stopped for a break on a steep mountain. Test it out with as many people as your game needs!	With an adult, go for a walk up the steepest thing near you. This could be ½ an hour walk or a full day expedition. Take photos of your walk and write about how the steepness felt and imagine what it would be like for a mountaineer.	With a friend write an exchange of 4 letters (2 per person) of children who live on mountains in the world. What are their difficulties and daily life like?
<b>Intrapersonal</b> I enjoy working by myself	Find some unusual facts about mountains which you think people may not know. Make sure they are interesting and maybe even weird!	Which has been done fastest? The Yorkshire 3 peaks, the Welsh 3 peaks or the Scottish 3 peaks?	How tall must something be to be a mountain? Does everyone agree? Explain the whole thing. Present how you please.	Find the top 6 highest mountains in the world and find out their height, country it is in, date first summited and who that was.	Research one of the world’s highest mountains and create a powerpoint presentation all about it. Make it fun and visual with lots of facts and images!

Choose a minimum of 6 activities over the next half term – your aim is to gather more than 20 points. You can do more than this though!

To be awarded the points your work **MUST** be of the highest quality.

Bring back to school your completed homework each week for showing in the afternoon and for our displays.

**PLEASE NOTE:- It is helpful if children mark off the homework( and points) they have done in the grid below and bring this into school with their completed pieces. We can then more easily keep track of the points they have accumulated. Many thanks.**

**Everything must be brought back to school by Thursday 16<sup>th</sup> February**

Useful websites:

[www.mountainprofessor.com](http://www.mountainprofessor.com)

[www.ducksters.com](http://www.ducksters.com)

[www.sciencekidz.co.nz](http://www.sciencekidz.co.nz)

[www.bbc.co.uk](http://www.bbc.co.uk)

Points	
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Total:	