**Autumn 1 Independent Research**

This half-term we will be learning about The Alps in Geography and in Science we will be learning about Mixtures and Separation.

Please complete 3 of the following tasks and return the orange book to school by **Monday 3rd November**.

**Geography (The Alps)**

* Write a story that is set in The Alps.
* Write a report on human and physical features of The Alps. Within your report, you can talk about human use of The Alps. Tourism would be a great place to start!
* Design a tourist information leaflet for someone considering a visit to The Alps.

**Science**

* See what examples of mixtures you can find around your home and local area (ask an adult to help). Can you group your mixtures into solid – solid, gas – gas, liquid – gas or liquid – liquid mixtures? Record this in a table.
* Set up an experiment where you choose a mixture and use one of the methods studied in class to separate the mixture. One idea could be that you create a filter to separate the particles from dirty water **(Please don’t drink the water that you have used in this experiment!)** Record you experiment in you research log.

**Please complete the following each week:**

* Weekly spellings.
* Complete Reading Plus at home alongside what you have completed in school.
* Read 3 times per week and sign your diary.
* Complete the weekly maths task in your maths activity book.
* Log on and complete a session on TT Rockstars.
* Don’t forget about your Independent Research!

**If you’re not sure at any point, please ask!**