

## English

### Non- Fiction

- **Explanation Texts** – Mountain and river formations including climate – physical representation.
- **Recounts** – Diary of a mountaineering expedition. Day in the life of a Kumaon child.
- Letter's/postcards to Kumaon children.
- **Persuasion** – Global warming/Climate change campaign against the effect on the Himalayas and glaciers melting effect of flooding and rivers.. Drama/Debate
- Climbing Gear – SherpaShop advert
- **Report** – Non-chronological report on specific chosen mountain range (uk or otherwise) *ICT link making Powerpoints.*
- **Instructions** –How to make a papier-mâché mountain range. *ICT link filming/edit/present*

### Fiction

- **Narrative/Prose** – Adventure story of mountain expedition.
- **Poetry** – Create images through poetry with water poems etc link to rivers and use of calligrams. Use of shape poems to create 'build up' in mountain shape.
- **Drama** – 'Finding Yeti' Drama for writing activity.

## Maths

- Compass/directions and coordinates – 'Finding Yeti' hunt.
- Data handling – Climate/Rainfall
- Kumaon currency addition and subtraction.

**Super Starter:** Classroom filled with hiking gear, (ropes, compass, torch, boots, rucksack etc.) muddy footprints, rocks/stones, sounds of wind etc. trail around class room lead to old diary entry from Sir Edmund Hilary.

# Mighty Mountains & Rivers

**Fantastic Finish:** Food Finale – Cook traditional dishes (Alps) and serve to parents and children with KFC class.

## Art/DT

- Hokusai Japanese paintings: Mount Fuji – Create own pastel versions.
- Creating mountain scapes: use visuals of mountains & layering paint techniques .
- Make Yeti footprints clay/plaster of paris.
- Papier-mâché mountain ranges.

## Geography

- Mountain ranges in each continent
- How are mountains formed - plate tectonics,
- Mountain climates – recall main ranges – presence of snow lines and tree lines
- European mountains – alps, Pyrenees, Picos de Europa, etc. Mountains in UK/Europe.
- Natural mountain dangers avalanches, weather, etc.
- **Himalayas:** Climate, upper peaks, lower hills and Discuss Indian cities. Life in Kumaon, location, subsistence farms, rural poverty/isolation. Rivers & water: access to clean water/carrying water, uses, religious significance. People in Kumaon culture – link to schools.
- Mountaineering disasters – accidents & failures, what to be aware of/prevention.
- How global warming is changing mountains

## Science

- Mountain plants and vegetation – research, draw/make food chain mobiles.

### Changing State:

- Sea mountains & trenches Solutions: dissolve salt in water/non-soluble solids Add heat
- What are black smokers? Separating solutions by evaporation. Solid/liquid/ gas diffs
- Light.
- Mountain gear: properties of materials, experiment good insulators & freezing Materials making mountain sleeping bag.

## ICT

- Mountain wild-life. Research endangered species on web. Make 3d poster.
- What can we do? Eco-tourism, mountain protection. Design posters/ slogans.
- Research & use of powerpoint for non-chronological reports on chosen mountain range.
- Filming instructional videos for mountains ranges and edit.
- Create animated river boat game [www.scratch.com](http://www.scratch.com) writing own algorithms.
- Emails/blog to Kumaon Khati Jatoli School
- Google Earth Mountain ranges from

## RE

- Buddhist flags – Everest.
- Jatoli school religions
- Hindu culture in Kumaoun region with Sherap.
- Look at Rhaki: festival for siblings Design/make own friendship bracelets

## Music

- Indian instruments.
- The Alps Climbing Soundscape – crescendo/decrescendo

## History

- Sir Edmund Hilary and Tenzing Norgay first climbers to reach summit of mt everest 29<sup>th</sup> may 1953 – biog and TV News report

**Extra: Cooking** – Making and eating chapattis and raita. Climbing skills, learning how to on traverse wall.