

# WATER AND GLACIERS



## Discussion:

- Where does our water come from?

## Experiment:

How is a chewy chocolate bar like a glacier?

- Length
- Layers
- Movement



# EVIDENCE OF ANIMALS

Draw and label any evidence of animals that you see on the mountain today. This may include tracks, feathers, markings on trees, etc...



[WWW.SEATOSKYGONDOLA.COM](http://WWW.SEATOSKYGONDOLA.COM)



# Activity Booklet for Sustainable MOUNTAINS



# WEATHER

What is the weather like today? Circle your answer(s).  
Today, it is:



sunny



partly sunny



cloudy



windy



rainy



snowy



stormy



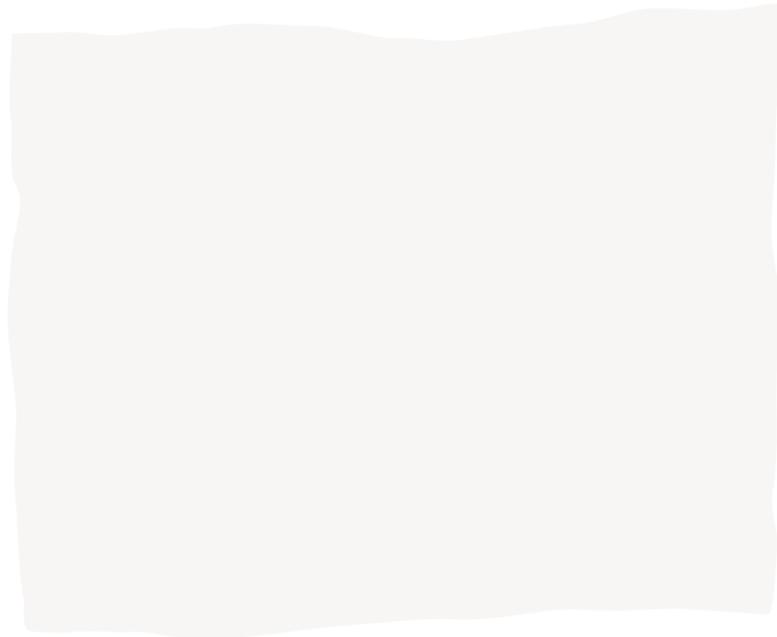
other:

Temperature:

It feels \_\_\_\_\_

# THE MOUNTAIN TODAY

Draw a sketch of the mountain today. Include everything you can see and feel, (i.e., clouds, snow, rain, wind).



Discussion:

- Why does weather matter? For example, what would happen if it got too hot or too cold on the mountain?

# HOW ARE MOUNTAINS MADE?

Types of Mountains:



VOLCANOES



FOLDED MOUNTAINS

## "THE MOUNTAIN SHUFFLE"

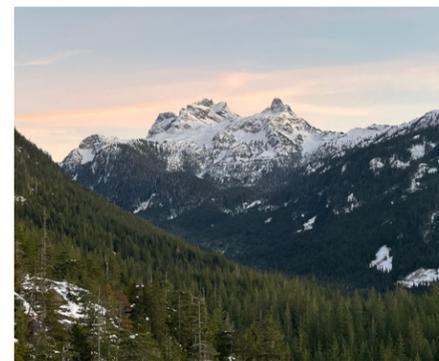


Stand on either end of a stack of towels or a large rug. Here, you and your classmates will act as the layer of earth's crust found just below the surface (a.k.a. tectonic plates). As you shuffle towards your partners on the opposite side of the rug, watch as the folds and creases are formed in the rug or, in our example, the earth. This is similar to how the movement of earth's crust creates folded mountains!

## EXAMPLES OF FOLDED MOUNTAINS



Machapuchare, Annapurna Region, Nepal



Sky Pilot and Co-Pilot, BC, Canada

# PEOPLE AND MOUNTAINS

How do mountains help people?



How do people HURT mountains and the plants and animals that live on them?



What can we do to HELP mountains?

### 3 THINGS TO DO

**1. Stay on the trails.**

**2. Take your trash with you.**

**3. Look, but don't touch or**

**take the plants with you.**