**Name:**

**Block: Everest Documentary –** 53 min.

**Teacher:**

**Learning Objective**

1. Locate physical features in the region including the Ganges river, Hindu Kush Mountains, and the Indian Ocean.

1. How many of the tallest mountains on the planet are found in the Himalayas?

2. How many Empire State buildings would you have to climb to get to the top of Everest?

3. What percentage of people die climbing Everest?

4. What kind of rock is the “yellow layer” below the summit?

5. What kind of rock is at the base of Everest?

6. How old is the Sea Lilly Fossil?

7. What happens when the “black rock” is split open?

8. Where was this tree fossil found?

9. 80 million years ago India split away from what modern day continent?

10. How fast was India moving every year towards what is now Asia?

11. What color are khanate crystals? How far down was the stone at one point?

14. What scientific tool is monitoring the Himalayas every second of everyday for the last five year?

15. When was the most recent major earthquake in the region?

16. Cherrapunji has 12x more rain than Seattle…. why is this?

17. What major rivers do the monsoons fill?

18. What does erosion do to mountains?

19. How fast is Everest growing?

20. What happened to world temperatures as the Himalayas crashed into Asia?