Vidya Bhawan Balika Vidyapith

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Ch3-Our Changing Earth(Geog.) Revision

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Important Terms

Degradation:- The wearing away or erosion of the earth's crust.

Aggradation:- The process of deposition of the eroded material.

Weathering:- The process of chemical or physical breaking down of the minerals in the rocks.

Gorges :- The steep sided valleys in the course of a river.

Glacial moraines:-The pieces of rocks, sand and silt that are deposited at the sides on the top and the bottom of the glacier.

Mushroom rocks:- Formed due to wind erosion, when the base of the rock gets eroded more that the upper half giving it the shape of a mushroom.

People Who Made The Difference

Alfred Wegener(1Nov.1880-12 Nov. 1931)

Born in Berlin(Germany) on 1 Nov. 1880, Alfred Wegener studied Meteorology, Geology and Astronomy. Today he is mainly famous for his theory 'Continental Drift'. He said that all the continents were joined together into a single landmass, but drift gradually apart due to internal forces.

REVISION FLOW CHART

- The Earth is constantly changing its surface due to various internal and external forces.
- Gradation is the levelling down the surface of the Earth by the process of degradation and aggradation

Agents of Gradation

Wind Ice Waves **Running Water** Work depends on Work depends on Work depends on Work depends on · The speed of wind · The slope of the depends · Work Volume of water. · Vegetation. land. on the strength · Slope of river the · Width of and speed of bed. glacier. waves.

Features Formed

- · Gorges.
- · Waterfalls.
- · Meanders.
- · Ox-bow lake.
- · Flood plain.
- · Levees.
- Distributaries.
- · Deltas.
- · V-shaped Valley.

Features Formed

- · Sea arches, stacks and stumps.
- · beaches.

Features Formed

- U-Shaped valley.
- · Glacial lakes.
- Moraines (deposits of rocks, silt and sand.)

Features Formed

- Mushroom rocks
- Sand dunes.
- · Loess.