

Weathering is the gradual dismingration of rocks by the combined action of exogenic and endogenic forces of earth

Weathering elements include wind, temperature, rainfall, frost, fog, ice etc...

Weathering contributes significantly to soil homelion

Various processes of weathering helps in producing different colours and properties of soil

1) Physical Weathering disinfegration of region without any chemical charge

disinfegration of recks by exponeiron and contraction of the rocks due to temperature variations

high dismal range of temperature causins surccessive expansion and contraction of the rocks

2. Extended on the process due to interse heating of outer layers of the rocks.

3. Frost Action

attention for the page of region inside the joints of the rocks.

apriles them into tragments.

Diserrical processes include celebrary, hydrolysis, and sold edution,

Burnsity is variable over the area affected by the cartisquake

1. Chestation

Introopheric oxygen resets with the rock to produce Chesta.

2. Cartisanation

Introopheric of make through cartisque with

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attroopheric of the rock increases and the grains loop their shape

4. Secution

Introduction of merculas in water

Chemical weathering

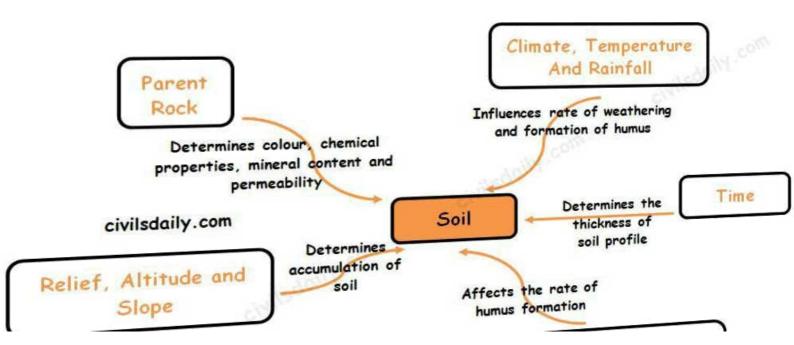
Plants contribute to both mechanical resultioning and chemical weathering
 Growth of south distribuyates the rocks
 Phones of animals breakes the soil and thus could not encoun.

2. Animals
 Dumoving animals like continuous, eps., robbits, termites and ares precisioner.

3) Block: Weathering

> Earthwomis cart convert 10 to 15 tormes of rights mass into good soil and bring it to surface

Man Stan breaks for of rocks for construction, agriculture and mining activities.

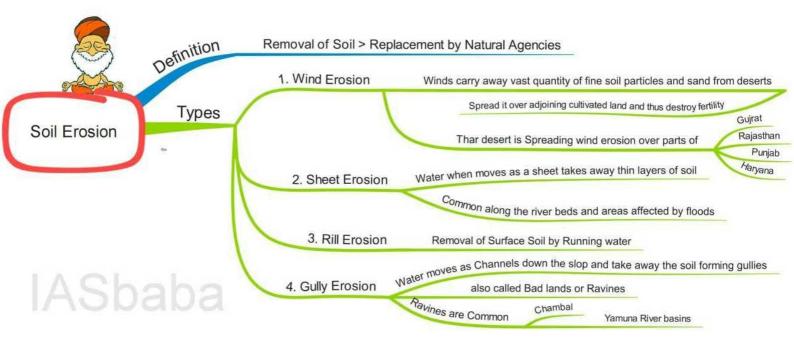


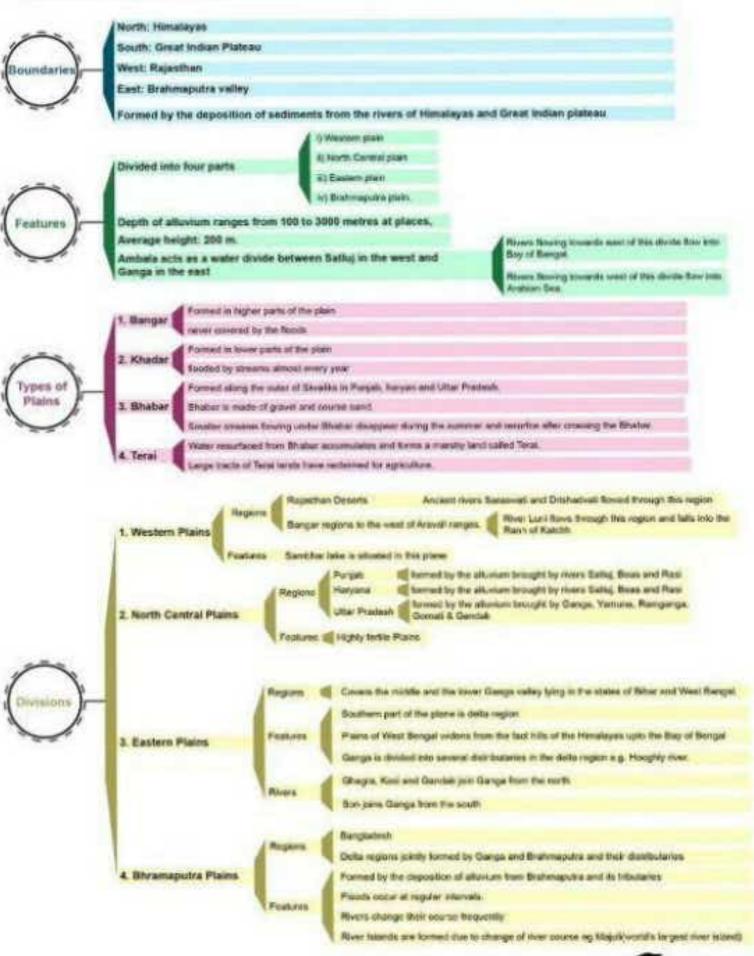
The Himalayas

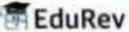
Langth; 2500 km from the indus gorge in Jammu and Kashmir(west) to Brahmaputra gorge in Anmachat Pradeshteasti. Breadth: 400 km in the west to 150 km in the east West Narga Partial posk (M26 m.) Hamcha Surve poak (7755 m.) of Himalayos which maintains its continuity from west to east ow plad with glackers such as Congret and Yarra Microsoft Evernetal **Sanderjorge** (a) Himadri or Ornator Himalays Mission pavakou Makedia Oheulegel Annaguma Zitkin Shipkin Major passes Nuthala liverage height varies from 1000 m to 4500 in Placipe is highly characted and univers consists of mietennigity said rocks. m part of this range in covered with dense firests. Peatlings north facing gordin slopes of this range are sovered by doese vegetation (b) Himachal or Middle Himalays Shirola Most of the full stations are located in this range Museouti PP Paryar in January and Kashwair Shadecher in Hanachel Phasesh Historic and Historical ranges are formed before the formation of Single range. Should range to formed by the deposition of sodiments from Heradri and Himadral ranges. (c) Siwalik or Outer Himplays Height of the Shuttik range is about 600 m unity

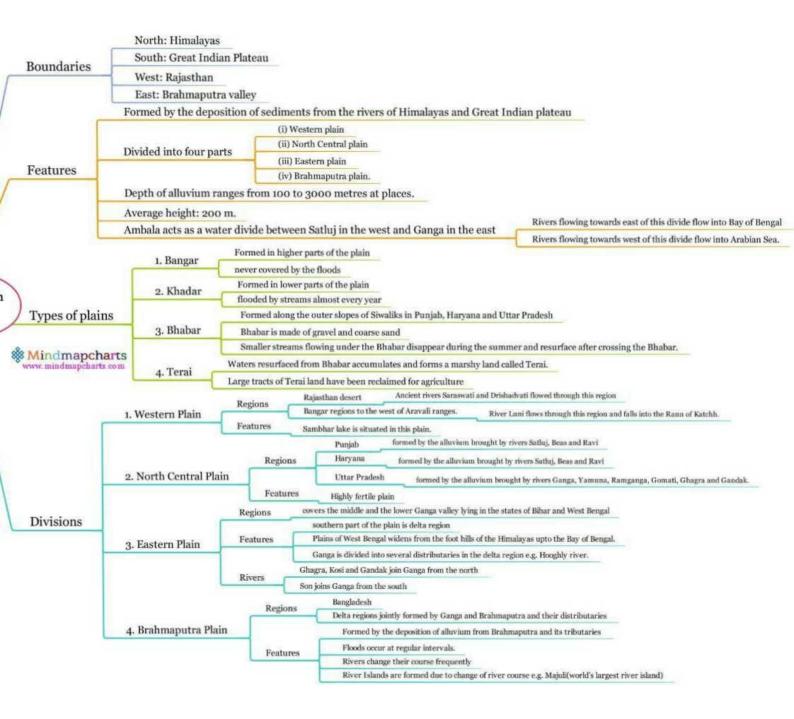
ao Yong, e.g. Dehradun

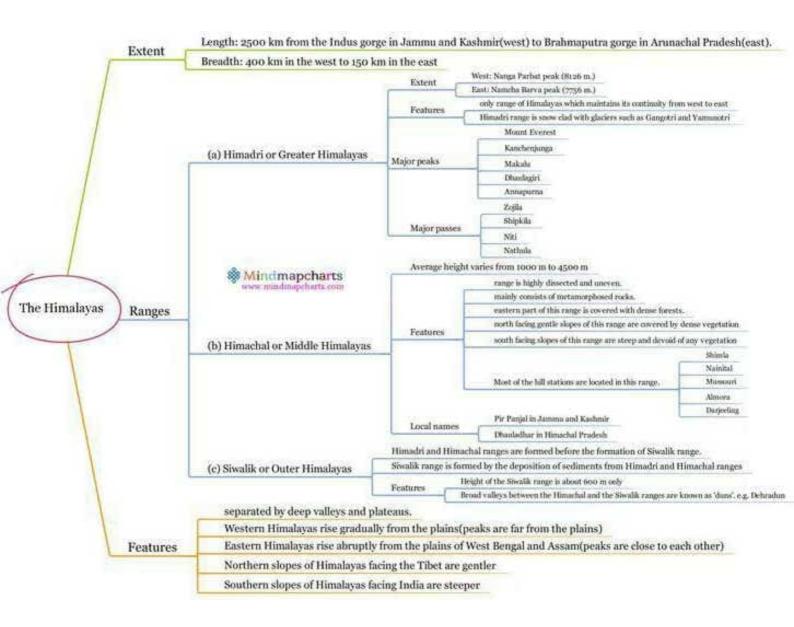
Broad valleys between the Himachal and the Swalling gas are known.





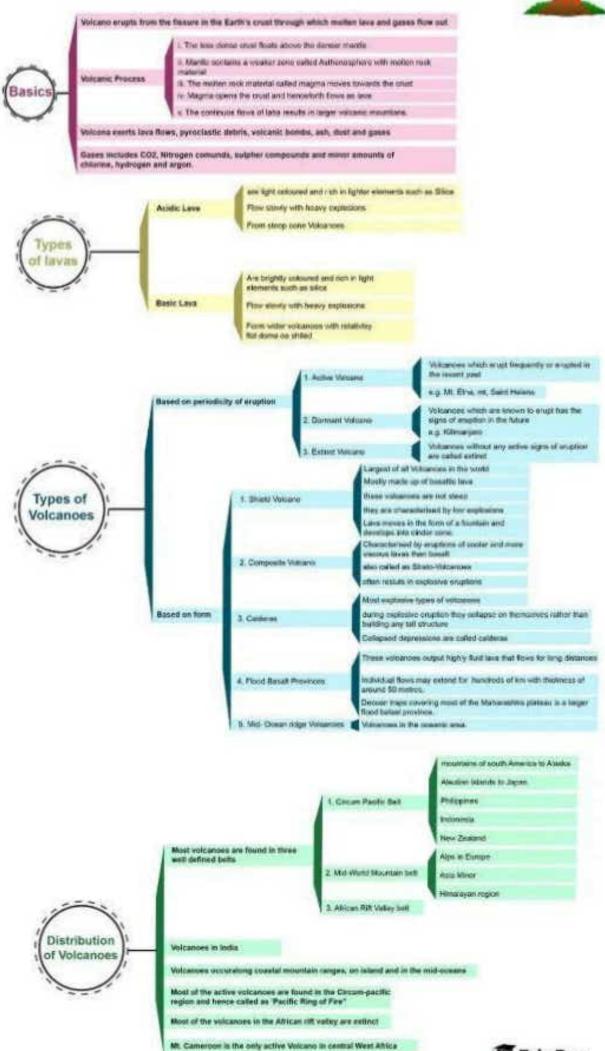






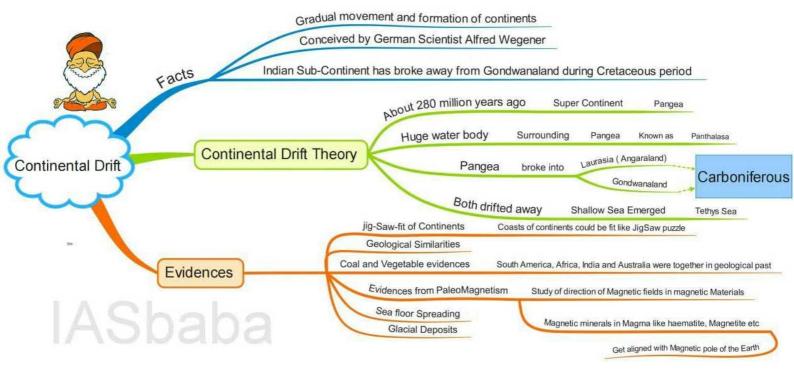
Volcanism

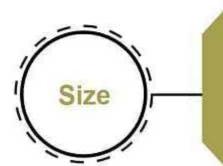






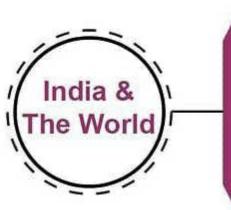






Landmass of India has

- Area: 3.28 million square km.
- Land boundary: 15,200 km.
- Length of coast line: 7,516.6km.
- Standard Meridian: 82°30'E

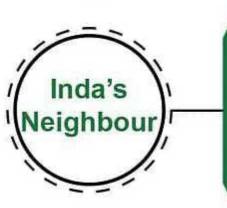


- Central location between the East & the West Asia.
- Trans Indian Ocean routes connect West European countries & East Asian countries.
- Various passes across northern mountains provided passages to ancient travellers.
- Routes have contributed in the exchange of ideas and commodities.



Northern Hemisphere

- Latitudes: 8°4'N and 37°6'N
- Longitudes: 68°7'E and 97°25'E



- Pakistan and Afghanistan in the north west.
- China (Tibet), Nepal & Bhutan in the north.
- · Myanmar and Bangladesh in the east.
- Southern neighbours are two island countries:
 Sri Lanka and Maldives
- Sri Lanka is separated by the Palk Strait & the Gulf of Mannar.

