


pH - H⁺ - Acid OH⁻ base
 Blue litmus paper

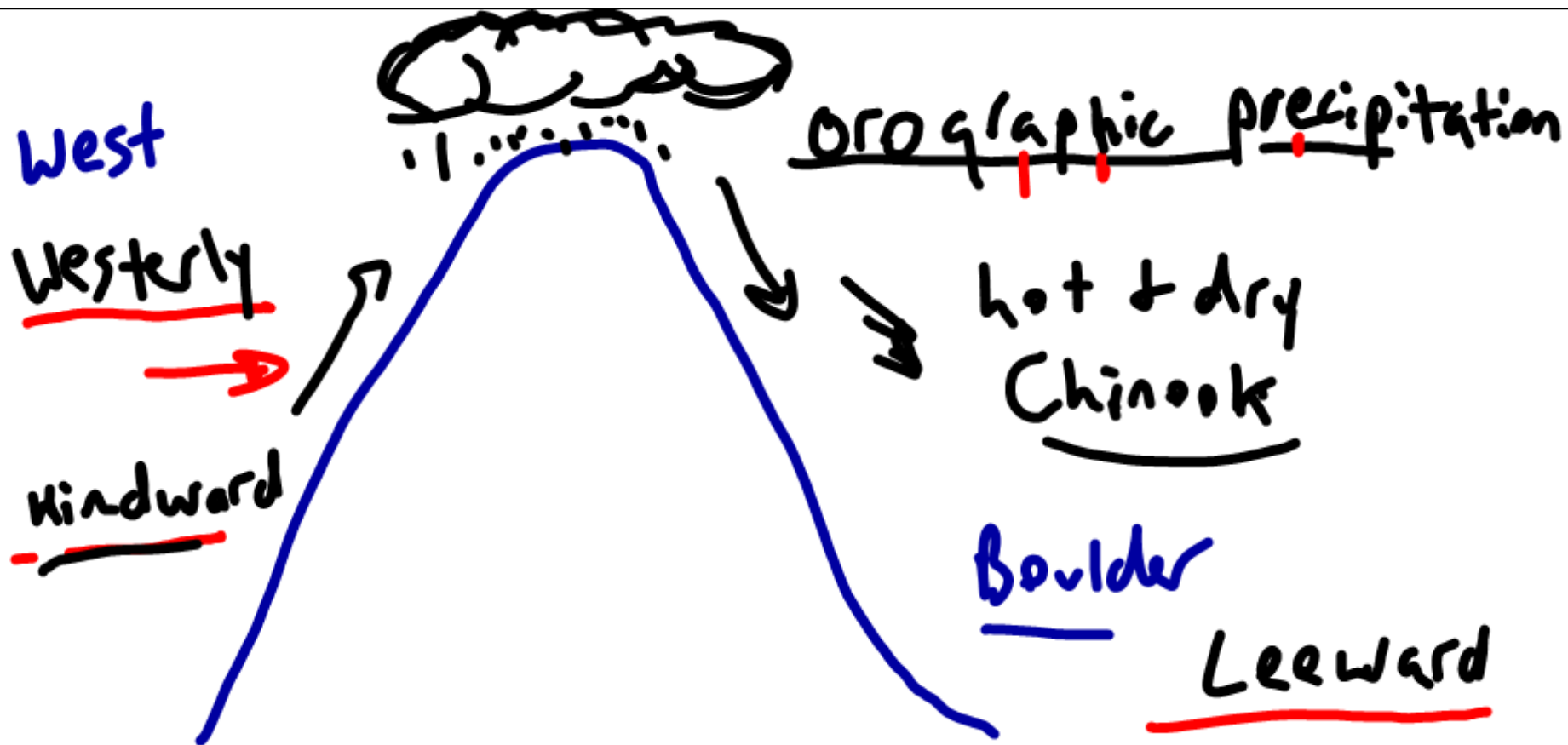
 Acid - red  - base - blue

Red litmus paper

 Acid - red  - base - blue

pH scale  Acid  - H₂O  base
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

- Climate Large area Average
Weather conditions
- Micro climate Small area
avg. conditions
- Marine Ocean climate
- Continental Land climate



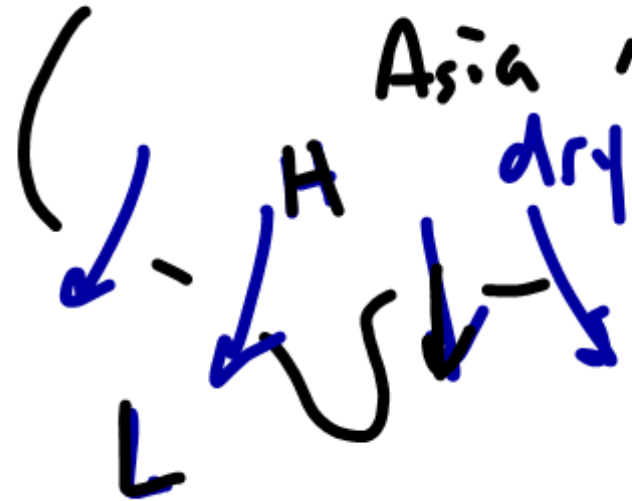
the rainshadow effect:

Moisture laden warm air comes from west & climbs mtn. orographic precip. on top & dry air blows on Leeward side.

Summer Monsoon



Winter Monsoon



Monsoons:

Summer! Land heats faster (L)
 air ocean → cool (H) sea breeze!

Winter: Ocean hotter (L) →
 Land cool (H) Land Breeze

hard water - \uparrow minerals \downarrow suds
soft water - \downarrow minerals \uparrow suds

Salinity - the amount of salt in the water.

Ocean water freezes @ -1.9°C

Sea water \uparrow buoyancy