Topic 1 CONSERVING OUR ENVIRONMENT

1.1 -Soil Erosion.

Soil erosion is a process by which topsoil is gradually removed (carried away) from one place, transported and then deposited to another place by the action of water, wind, animals and human beings.

Types of soil erosion. a. Splash erosion.

- This is the first stage in the soil erosion process which takes place by the action of water.
- When raindrops hit bare ground, the soil is broken into particles.
- The lighter particles are then removed and splashed in various directions onto the soil surface by the force or energy of the raindrops. Therefore, small circular depressions can be seen where soil particles have been removed by splash erosion.
- Splash erosion occurs mainly during heavy rainfall that falls for a short duration.
- Splash erosion causes more damage to soil on sloped land than on a flat land.
- The bigger have more force or energy than smaller raindrops and therefore they cause more splashing.
- Splash erosion is also called raindrop erosion because it results from the effect of raindrops on the soil surface.