

Soil Conservation

6th Grade Science

Soil Erosion

- The wearing away of soil
- Loss of soil

Natural Causes of Soil Erosion:

- Wind
- Water (rain)
- Gravity (hills, mountains)
- Ice (glaciers, cold temperatures)



Other Causes of Soil Erosion:

- Farming
- Mining
- Construction



Severe weather speeds up soil erosion!

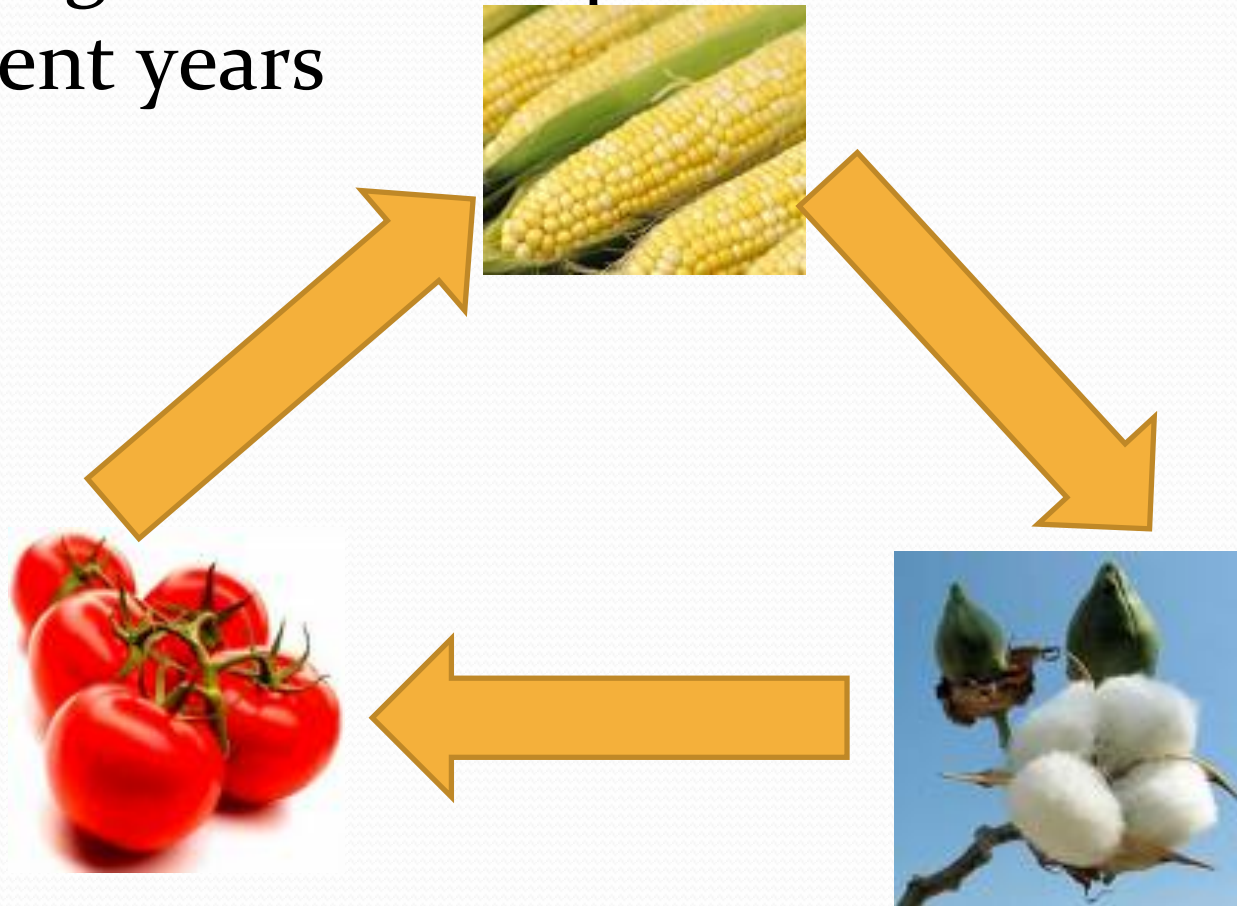
- Storms
- Tornados
- Floods

Soil Conservation:

- Ways to preserve (or save) the soil

1. Crop Rotation

- Planting different crops on the same field in different years



2. Conservation Tillage

- Reducing the number of times fields are tilled, or plowed, in a year



3. Terraces

- Flat, step-like areas built on a hillside to prevent rainwater from running downhill



4. Contour Plowing

- Plowing along curves or contours of a slope to prevent water from running straight downhill



5. Wind Breaks

- Rows of trees between fields to “break” or reduce the force of winds.



Soil Conservation Examples

- Find a partner.
- Read the scenario of erosion.
- With your partner, decide on a solution to the problem.
- Write your solution next to the scenario and then draw a picture of your solution.