



Date: 24/10/2023

Class: IV

SUBJECT: SST

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Ln.no 1 Soils of India

**A) Pre Activity:**

1. Where do we plant seeds?

Ans1. We plant it in soil.

2. What is the importance of soil?

Ans2. It helps plants to grow.

3. Can we grow any plant on sand?

Ans3. No, we can't grow any plant

4. How many types of soils are there?

Ans4. Black soil, Red soil, Laterite soil and Alluvial soil etc.

**B) New Words:**

1. decaying	11. corrode
2. nutrients	12. fertilizers
3. weathering	13. compost
4. parent rock	14. silt
5. manure	15. organic
6. alluvial soil	16. alluvial soil
7. deposits	17. deposits
8. humus	18. humus
9. conservation	19. conservation
10. deforestation	20. deforestation

**C) Write True or False.**

1. The uppermost layer of the surface of Earth is known as topsoil- True

2. Alluvial soil is formed from lava after it solidifies- False

3. Laterite soil is found in regions that experience a lot of rainfall- True

4. Mountain soil is not rich in humus- False

5. The soil becomes loose when trees are cut down- True

**D) Answer in one word.**

1. Soil type good for growing rice- Red soil
2. Soil which is clayey in nature- Black soil
3. Soil where minerals get washed away- Laterite soil

**E) Answer these questions:**

1. Which is the ideal crops to grow in black soil?

Ans1. . Cotton

2. What is soil erosion?

Ans 2. Soil erosion is the gradual destruction and removal of rock or soil in a particular area by rivers, the sea, wind or due to human activities.

3. Which types of crops require alluvial soil?

Ans 3. Alluvial soil is good for growing crops, such as rice, wheat, maize, tobacco, sugarcane, oilseeds, pulses and jute amongst many others. Fruits and vegetables also grow very well in this type of soil.

4. Where do you find red soil in India?

Ans4. It is found mainly in the states of Jharkhand, Madhya Pradesh, Maharashtra, Odisha, Andhra Pradesh, Tamil Nadu and Telangana.

5. How is laterite soil formed?

Ans5. . Laterite soil is formed by Leaching which is a process of washing away of minerals due to the flow of water.

6. What do you understand by the term soil conservation? Suggest some measures to practice soil conservation.

Ans6. Soil Conservation is a combination of practices used to protect the soil from degradation. There are a few ways through which we can control soil erosion and increase fertility of the soil:

- Plant more trees instead of cutting them down as this leads to deforestation.
- Reduce land pollution by not dumping waste in the open.
- Avoid chemical fertilizers because they decrease soil fertility.

**F) Post Activity:**

Draw the diagram of soil and its layers

**SUBJECT TEACHER**

**HOD**

**COORDINATOR**

**PRINCIPAL**