



## AGRICULTURE

1. List the components of soil.

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2. Why is soil important to plants?

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3. Explain the difference between clay, sand, and loam soils. List 3 crops that grow well in each

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4. Explain how the plants obtain nutrients and convert them to food.

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5. Explain the difference between primary, secondary and micro nutrients.

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Pathfinder Name..... Club.....

6. Name and identify ten common weeds of your community, and tell how best to eliminate them using natural or chemical methods.

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7. Identify six common insect pests or diseases and tell how to eliminate or prevent their occurrence.

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8. How is weather information helpful to the farmer?

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9. What is erosion and how can it be prevented?

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10. Explain the purpose of the following:

a) ploughing.....

b) cultivating.....

c) harrowing.....

d) disking.....

e) draining.....

f) irrigation .....

g) harvesting.....

11. Make a scrapbook with clearly labelled pictures of ten common birds in your country and state their value to the farmer.

12. Plant four different types of seeds either in plant pots or your garden. Record the germination percentage after 3, 4, and 5 days and record problems encountered.

13. Visit your local farm and write a short paragraph on your visit

Date completed..... Instructor's Signature.....