

Middle School Science

Name:

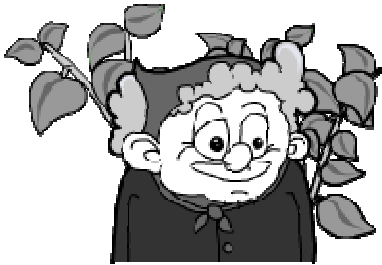
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Growing Plants Worksheet

This worksheet accompanies slide 4 of *Growing Plants.ppt*

Growing plants

Complete the activities below.



Martha is having trouble with her garden. Some of her plants have mineral deficiencies and weeds are taking over.

Fill in the table below by deciding which type of mineral Martha should add to the soil to make each plant healthy again. Check the boxes to show your answers.

| | description of plant | magnesium | nitrogen | phosphorus | potassium |
|---------|---|-----------|----------|------------|-----------|
| plant 1 | yellow leaves with dead spots | | | | |
| plant 2 | discolored purple leaves and poor root growth | | | | |
| plant 3 | poor flower and fruit growth | | | | |
| plant 4 | poor growth, weak stems and dead lower leaves | | | | |

Give two ways Martha could get rid of the weeds in her garden.

1.

2.

If Martha decided to grow plants organically, how could she make sure that her soil is kept rich in nutrients?

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