



**SECTION 2**

*Please use Agricultural Issues Where We Live: Soil Conservation and other agricultural resources and write your responses in the spaces provided.*

1. Analyze how the soil in Iowa contributes to making Iowa a top or leading soybean, corn, pork, beef, milk, egg, turkey, and sheep producing state.
  
2. Describe at least three ways we can lose valuable topsoil. Include at least one example of how topsoil is lost in a city.
  
3. Predict at least three problems that can occur when Iowa's soil is blown or washed away either through "natural" or "accelerated" erosion. Star the problem you think affects you the most and justify your choice.
  
4. *Complete the following chart using Agricultural Issues Where We Live: Soil Conservation, other agricultural resources and your own observation and communication skills to complete the following chart.*

**SOIL EROSION NEAR WHERE I LIVE**

Description of the area where soil is eroding	Describe how the soil is eroding from the land	Predict or explain where the soil is going	Predict or describe the problems this might cause	Develop a plan that could or is minimizing the problem
1.				
2.				
3.				

**SECTION 3**

1. Complete the guide to show how people can use the land, plants, and animals to conserve and preserve Iowa's valuable soil. Include at least one example in each column that you could apply in your town or city.

**GUIDE TO DEVELOPING SOIL CONSERVATION PLANS**

Ways land can conserve the soil	Ways plants can conserve the soil	Ways animals can conserve the soil
1.	1.	1.
2.	2.	2.
3.	3.	3.

2. Develop a class project that could conserve the soil near where you live. (You may want to implement it as an environmental stewardship/community service project.)

3. Create a list of at least five government agencies, organizations, businesses, and institutions that help people conserve Iowa's valuable soil.

#### SECTION 4

*Please use resources from the previous sections and any other ones to complete your responses.*

1. Many Iowa farmers say that they want to take care of the land for future generations. On a separate piece of paper, create a timeline showing what Iowans have learned about the importance of taking care of the land for future generations. Include at least five dates.
2. Using your timeline, select and explain event(s) that might have made the most impact to change people's attitudes about soil conservation.
3. Give examples of what could happen in Iowa's future if we don't learn from the past.
4. Use your resources to list and describe how at least three people in your community have changed farming, gardening, landscaping, or building methods to conserve Iowa's valuable soil. (You may want to create ways to acknowledge their efforts to be good stewards of the land.)