<table>
<thead>
<tr>
<th>Vocabulary Word</th>
<th>Definition</th>
<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetland</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nutrients</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sediment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Groundwater</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Habitat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vocabulary Word</td>
<td>Definition</td>
<td>Picture</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------</td>
<td>---------</td>
</tr>
<tr>
<td>Wetland</td>
<td>is an area that, at least some of the time, have waterlogged soils.</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>a category of living things that ranks below a genus, is made up of related individuals able to produce fertile offspring.</td>
<td></td>
</tr>
<tr>
<td>Nutrients</td>
<td>furnishing nourishment in the soil.</td>
<td></td>
</tr>
<tr>
<td>Sediment</td>
<td>material (as stones and sand) deposited by water, wind, or glaciers</td>
<td></td>
</tr>
<tr>
<td>Groundwater</td>
<td>water within the earth that supplies wells and springs</td>
<td></td>
</tr>
<tr>
<td>habitat</td>
<td>the place or type of place where a plant or animal naturally or normally lives or grows</td>
<td></td>
</tr>
</tbody>
</table>
Find the following sentences in the article “Wetlands and People” and write the page, paragraph and line number for each of the sentences below.

1. Protecting wetlands in turn can protect our safety and welfare.
   Page: _______ Paragraph: ________ Line: _____

2. As the runoff water passes through, the wetlands retain excess nutrients and some pollutants, and reduce sediment that would clog waterways and affect fish and amphibian egg development.
   Page: _______ Paragraph: ________ Line: _____

3. In addition to improving water quality through filtering, some wetlands maintain stream flow during dry periods, and many replenish groundwater.
   Page: _______ Paragraph: ________ Line: _____

4. Wetlands function as natural sponges that trap and slowly release surface water, rain, snowmelt, groundwater and flood waters.
   Page: _______ Paragraph: ________ Line: _____

5. The holding capacity of wetlands helps control floods and prevents water logging of crops.
   Page: _______ Paragraph: ________ Line: _____

6. Wetland plants hold the soil in place with their roots, absorb the energy of waves, and break up the flow of stream or river currents.
   Page: _______ Paragraph: ________ Line: _____
7. More than one-third of the United States’ threatened and endangered species live only in wetlands, and nearly half use wetlands at some point in their lives.

8. We use a wealth of natural products from wetlands, including fish and shellfish, blueberries, cranberries, timber, and wild rice, as well as medicines that are derived from wetland soils and plants.

9. Wetlands are habitats for fur-bearers like muskrat, beaver, and mink as well as reptiles such as alligators.

10. Wetlands have recreational, historical, scientific, and cultural values.
Wetlands and People -- True and False Questions

_____ 1. Our safety and welfare can be protected by protecting our wetlands.

_____ 2. When runoff water goes through the wetlands it keeps nutrients and some pollutants, and reduces the sediment that would block the waterways and affect the reproduction of fish and amphibians.

_____ 3. Wetlands keep water during dry periods, and refill the groundwater.

_____ 4. Wetlands are natural sponges that catch and slowly free surface water, rain, snowmelt, groundwater and flood water.

_____ 5. Wetlands help control floods and prevent crops from drowning.

_____ 6. Wetland plants let the soil float away.

_____ 7. More than one-third of the United States’ threatened and endangered animals live in the wetlands and half of the animals never use the wetlands.

_____ 8. Many of the natural products we use come from the soils and plants of the wetlands.

_____ 9. Wetlands are homes for many animals with fur and alligators.

_____ 10. Wetlands are full of history and have areas for recreation.
True 1. Our safety and welfare can be protected by protecting our wetlands.
Page: 1 Paragraph: 1 Line: 7

True 2. When runoff water goes through the wetlands it keeps nutrients and some pollutants, and reduces the sediment that would block the waterways and affect the reproduction of fish and amphibians.
Page: 1 Paragraph: 2 Line: 3

True 3. Wetlands keep water during dry periods, and refill the groundwater.
Page: 1 Paragraph: 3 Line: 1

True 4. Wetlands are natural sponges that catch and slowly free surface water, rain, snowmelt, groundwater and flood water.
Page: 1 Paragraph: 4 Line: 1

True 5. Wetlands help control floods and prevent crops from drowning.
Page: 2 Paragraph: 1 Line: 1

False 6. Wetland plants let the soil float away.
Page: 2 Paragraph: 2 Line: 4

False 7. More than one-third of the United States’ threatened and endangered animals live in the wetlands and half of the animals never use the wetlands.
Page: 2 Paragraph: 3 Line: 1

True 8. Many of the natural products we use come from the soils and plants of the wetlands.
Page: 3 Paragraph: 2 Line: 1

True 9. Wetlands are homes for many animals with fur and alligators.
Page: 3 Paragraph: 2 Line: 13

True 10. Wetlands are full of history and have areas for recreation.
Page: 3 Paragraph: 3 Line: 1
Status and Trends Important Sentences

Find the following sentences in the article “Status and Trends” and write the page, paragraph and line number for each of the sentences below.

1. The lower 48 states contained an estimated 103.3 million acres of wetlands in the mid-1980s.

Page: _______Paragraph: ________ Line: _____

2. In the 1600s, over 220 million acres of wetlands are thought to have existed in the lower 48 states.

Page: _______Paragraph: ________ Line: _____

3. Recent estimates of wetlands trends on non-federal lands indicate a loss rate between 70,000 to 90,000 acres annually.

Page: _______Paragraph: ________ Line: _____

4. The increase in flood damages, drought damages, and the declining bird populations are, in part, the result of wetlands degradation and destruction.

Page: _______Paragraph: ________ Line: _____

5. Other threats have included chemical contamination, excess nutrients, and sediment from air and water.

Page: _______Paragraph: ________ Line: _____

Pick three sentences out of the five above and illustrate them.
ELL ADAPTATION

Status and Trends True or False

_____ 1. The lower 48 states had 103.3 million acres of wetlands in the 1600’s.

_____ 2. The lower 48 states had 220 million acres of wetlands during the mid-1980’s.

_____ 3. The wetlands are losing between 70,000 to 90,000 acres each year.

_____ 4. Wetlands have been ruined and damaged because of the flood, drought, and declining bird populations.

_____ 5. Chemical pollution, surplus of nutrients and sediment from air and water have threatened the wetlands.
Status and Trends AND True False Key

FALSE 1. The lower 48 states had 103.3 million acres of wetlands in the 1600’s.
   Page: ___1___ Paragraph: ___1_____ Line: ___1___

FALSE 2. The lower 48 states had 220 million acres of wetlands during the mid-1980’s.
   Page: ___1____Paragraph: ___2_____ Line: ___1___

TRUE 3. The wetlands are losing between 70,000 to 90,000 acres each year.
   Page: ___1____Paragraph: ___3_____ Line: ___1___

TRUE 4. Wetlands have been ruined and damaged because of the flood, drought, and declining bird populations.
   Page: ___1____Paragraph: ___5_____ Line: ___3___

TRUE 5. Chemical pollution, surplus of nutrients and sediment from air and water have threatened the wetlands.
   Page: ___1____Paragraph: ___6_____ Line: ___6___
Paragraph Frame Cause and Effect

You have been given the topic sentence for your cause and effect paragraph. Complete the paragraph with the effects and facts from your notes.

The wetlands are becoming smaller. This is caused by
__________________________________________________________________________
__________________________________________________________________________.

As a result,
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________.

Wetlands are a wonderful home for animals, consequently,
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Furthermore, ______
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________.