Alternative Method of Instruction

Grade 5

Day 2

Literacy and Science: Recycling and Conservation: Why Recycle?
Writing: Argument and Persuasion

Write an essay to persuade your reader that humans are either helping or hurting our environment. Be sure to clearly state your opinion and support it with evidence from your experience, observations, or the article.

Social Studies: U.S. Map

Write the names for as many states as you can. If you have internet access, look up a map of the state you don’t know.

Math: Mixed Operations word problems
Recycling & Conservation: Why Recycle?

by ReadWorks

Recycling is a process where something is reused rather than thrown away. Common items that are recycled include aluminum and steel cans, glass, and newspapers. Recycling can be time-consuming and dirty work. For example, recyclable objects have to be sorted from trash. Then the objects have to be cleaned. Afterwards, the objects are turned into materials that can be used by people and companies. Why should people bother to recycle even though it takes a lot of work?

Recycling helps protect the earth. Recycling means less garbage in landfills. These are places where garbage is taken and buried. Recycling also helps conserve the earth’s resources. For example, factories use less energy by recycling steel cans than by making new ones. Recycling paper saves trees from being cut down. Trees are used to make paper.

Every time you are about to drop a plastic bottle in the garbage, stop and think. Is it worth harming the earth? Your actions now can help preserve the environment for generations to come. All you have to do is throw that bottle into a recycling bin.

Get in the habit. Be proud of recycling. Encourage others to recycle. You can make a difference!
Name: __________________________ Date: ______________

1. What is recycling?
   A. a process where something is reused
   B. a process where something is thrown away
   C. a process where something is taken and buried
   D. a process where something harms the earth

2. How does the author organize the information in this passage?
   A. The author explains the problems with recycling and suggests different solutions.
   B. The author describes similarities and differences between recycling and throwing things away.
   C. The author lists information about recycling in order of importance, from most to least important.
   D. The author describes recycling and shares an argument about why it's important.

3. Read these sentences.

   "... recyclable objects have to be sorted from trash. Then the objects have to be cleaned."

   These sentences can be used to support which conclusion below?
   A. "... the objects are turned into materials that can be used by people and companies."
   B. "Recycling can be time-consuming and dirty work."
   C. "Recycling helps protect the earth."
   D. "Be proud of recycling."

4. What can be concluded from this passage?
   A. The author works for a recycling plant.
   B. The author does not believe in recycling.
   C. The author believes that all you have to do to save the environment is throw a bottle in a bin.
   D. The author believes that everyday people can help the earth.
5. What is the main idea of this passage?
   A. Recycling helps protect the earth and conserve its resources.
   B. Many people avoid recycling because it is too difficult.
   C. People must make decisions about what to recycle.
   D. Only certain things can be recycled.

6. At the end of paragraph one, the author asks, "Why should people bother to recycle even though it takes a lot of work?" Why does the author include this question?
   A. to transition the reader to the next paragraph, which answers the question
   B. to question the reader's knowledge about recycling
   C. to summarize the major points in paragraph one
   D. to allow the reader to demonstrate understanding

7. Choose the answer that best completes the sentence below.

   Recycling takes work, __________ it is good for the environment.
   A. instead
   B. before
   C. so
   D. but

8. What does the author suggest you do when you are about to throw a plastic bottle in the garbage?

9. What examples does the author provide to show that recycling helps conserve the earth's resources?

10. Read these sentences from the text.

    "Get in the habit. Be proud of recycling. Encourage others to recycle."

    How can these actions make a difference? Use evidence from the text to support your answer.
Are humans hurting or helping our environment? Support your answer with evidence from your experiences.
Mixed operations word problems

Grade 5 Word Problems Worksheet

Read and answer each question:

During a normal day, there are 280 planes taking off from the airport, but the airport is a lot busier during Christmas. During the Christmas holidays, about 336 planes take off every day from the airport.

1. During the Christmas holidays, the airport opens 12 hours during each day, how many planes take off from this airport in each hour?

2. In average, each plane takes 240 passengers and 12 tons of cargo. How many passengers depart from the airport every hour during the Christmas holidays?

3. Compared with a normal day, how many more passengers depart from the airport in a day during the Christmas holidays?

4. During a normal day, there are 782 passengers in average that are late for their plane each day. However, during the Christmas holidays, there are 1,835 passengers that are late for their planes each day which caused delays of 14 planes. How many more passengers are late for their planes in each day during the Christmas holidays?

5. The airport administration did a study and found that an additional 5 minutes of delay in the overall operation of the airport is caused for every 32 passengers that are late for their flights. What is the delay in the overall operation if there are 832 passengers late for their flights?

6. Write an equation using “x” and then solve the equation.
   On the New Year Eve, there were 7,580 tons of cargo loaded in the morning. In the afternoon, there were x tons of cargos. The total weight of cargos loaded on the day weighed 12,997 tons.