Alternative Method of Instruction

Grade 4

Day 1

Literacy: Act Your Age

Be sure to answer question the discussion questions in complete sentences.

Social Studies: Declaration of Independence

Math: Complete the Multiplication Tables -2 to 10 practice

Science: 4th Grade AMI Day 1

Read and answer all questions for the article "Water & Solar Cycles"

Also Respond to the writing activity
Act Your Age
By Colleen Archer
2015

Colleen Archer has written for Highlights. In this short story, a young girl is told over and over again to act her age. As you read, take notes on what Frances is doing when she is told to act her age.

"Act your age," said Aunt Augusta sharply. Frances had been blowing bubbles in her bedtime milk. She had made sure there was only about a quarter of the milk left. "The bubbles weren't going over the sides of the glass. But it seemed that Aunt Augusta was annoyed anyway.

When Frances's mother came back into the room, Frances was quiet.

"Are you OK?" asked her mother.

"Yes," said Frances. But she felt better when Aunt Augusta had finished visiting them and gone home.

At recess the next day, Frances was playing ring-around-the-rosy with her five-year-old sister, Grace, and four of Grace's friends.

Just then Frances's friend Julie came along. "You'd better act your age," said Julie. "What will Sandra and Susan think?"

Reluctantly, Frances said good-bye to Grace. She went with Julie to join their friends Sandra and Susan on the other side of the playground.

The next day was Saturday. Frances wasn't feeling as excited as she usually did about going to Grandma and Grandpa Burton's house for dinner — especially since Aunt Augusta was invited as well. Usually Grandma and Grandpa made Frances laugh, but today Frances wasn't in a laughing mood.

Before dinner, Grandma and Grandpa and Frances's mom and dad played ring-around-the-rosy with Grace. Frances just watched.

1. **Reluctant (adjective):** unwilling to do something
When they sat down to eat, Frances saw that they were having her favorite meal — spaghetti and meatballs and salad, with chocolate pudding for dessert. She began to feel a little better. Then Aunt Augusta started talking about her fights with her next-door neighbor.

"... and yesterday I came home to find his dog burying a bone right in the middle of my flower bed!" she said. "Do you know what I did next?"

No one answered her question, so she answered it herself.

"After the little beast left, I dug up the bone, gift-wrapped it, and put it in that man's mailbox."

"Oh, for heaven's sake, Augusta," said Frances's mom. "You should learn to act your age."

At the thought of proper Aunt Augusta being told to act her age, Frances started to laugh. Then she started to sputter. The more she tried to stop, the more she laughed and sputtered. Finally even Aunt Augusta managed a small smile and murmured, "I guess I should."

Grandma chuckled and said, "You know, that's the first time I've heard Frances laugh all evening. I'm glad she remembers how."

The next afternoon Frances was playing hopscotch with Grace when Julie walked by.

"Hopscotch?" asked Julie. "You still play a baby game like hopscotch?"

"Yes, I do," said Frances firmly.

There didn't seem to be anything left for Julie to say. For a while she watched Frances and Grace hopping and giggling and playing. Then quietly she asked, "May I play, too?"

2. to utter quickly or explosively
Discussion Questions

Directions: Brainstorm your answers to the following questions in the space provided. Be prepared to share your original ideas in a class discussion.

1. Have you ever been told to act your age? How did it make you feel? What were you doing at the time?

2. In the story, Frances is told to act her age. Do you think someone’s age is important to their identity? Why or why not? Do you continue to enjoy activities that you did when you were younger?

3. In the story, Frances is told not to play certain games because of her age. Do you think there are certain things you can’t do as you grow older? If so, what?
Text-Dependent Questions

Directions: For the following questions, choose the best answer or respond in complete sentences.

1. PART A: Which sentence describes the theme of the short story?
   A. Both children and adults can happily act younger than they truly are.
   B. When you act childish, you're not allowing yourself to truly grow up.
   C. People will treat you like a baby, if you act like a baby.
   D. Children are more susceptible to acting younger than adults.

2. PART B: Which detail from the text best supports the answer to Part A?
   A. "Act your age,' said Aunt Augusta sharply. Frances had been blowing bubbles in her bedtime milk." (Paragraph 1)
   B. "just then Frances's friend Julie came along. 'You'd better act your age,' said Julie. 'What will Sandra and Susan think??'" (Paragraph 6)
   C. "Before dinner, Grandma and Grandpa and Frances's mom and dad played ring-around-the-rosy with Grace. Frances just watched." (Paragraph 9)
   D. "Finally even Aunt Augusta managed a small smile and murmured,'I guess I should.'" (Paragraph 15)

3. What does it mean that Aunt Augusta speaks "sharply" in paragraph 1?
   A. She speaks quickly.
   B. She speaks in a hurtful manner.
   C. She speaks thoughtlessly.
   D. She speaks in a quiet voice.

4. How do paragraphs 12-14 contribute to the story's theme?
   A. by proving to Frances that her Aunt Augusta isn't very nice
   B. by revealing to Frances that even adults don't act their age sometimes
   C. by showing Frances that Aunt Augusta didn't mean to hurt her feelings
   D. by stressing to Frances the importance of acting your age

5. How does the repeated phrase "act your age" contribute to the story?
The Declaration of Independence was a letter sent to the King of England from the leaders of America's thirteen colonies. The letter told the King that the colonies were now independent, meaning they no longer belonged to England. The letter was written by a man named Thomas Jefferson and signed by the members of Congress on July 4, 1776. That is why we celebrate America's birthday, Independence Day, on July 4th.

Fill in the blanks below with the correct words.

The Declaration of Independence stated that the colonies no longer belonged to the King of England. In other words, the colonies were now ________________.

We celebrate America’s birthday on July 4th because that’s the day the Declaration of Independence was signed by ____________________.

Challenge!

Forty-six people signed the Declaration of Independence. Below are five of the most famous ones. Their names are all mixed up! Can you unscramble them?

jhno madsa
nijamneb likarnfn
lumsae saadm
honj cakocnh
samotht serffjone

Answers: John Adams, Benjamin Franklin, Samuel Adams, John Hancock, Thomas Jefferson.
Multiplication Tables - 2 to 10 practice

Grade 4 Multiplication Worksheet

Find the product.

1. $2 \times 8 = \underline{16}$
2. $6 \times 10 = \underline{_____}$
3. $9 \times 9 = \underline{_____}$

4. $3 \times 10 = \underline{30}$
5. $4 \times 7 = \underline{_____}$
6. $4 \times 5 = \underline{_____}$

7. $5 \times 2 = \underline{_____}$
8. $6 \times 9 = \underline{_____}$
9. $10 \times 8 = \underline{_____}$

10. $10 \times 4 = \underline{_____}$
11. $4 \times 2 = \underline{_____}$
12. $7 \times 9 = \underline{_____}$

13. $8 \times 4 = \underline{_____}$
14. $9 \times 6 = \underline{_____}$
15. $3 \times 2 = \underline{_____}$

16. $9 \times 3 = \underline{_____}$
17. $4 \times 10 = \underline{_____}$
18. $8 \times 10 = \underline{_____}$

19. $10 \times 10 = \underline{_____}$
20. $9 \times 10 = \underline{_____}$
21. $10 \times 7 = \underline{_____}$

22. $2 \times 2 = \underline{_____}$
23. $10 \times 2 = \underline{_____}$
24. $2 \times 10 = \underline{_____}$

25. $2 \times 7 = \underline{_____}$
26. $7 \times 5 = \underline{_____}$
27. $4 \times 3 = \underline{_____}$
Water & Solar Cycles

Certain phenomena reappear at regular intervals, often referred to as cycles. There are water, solar and lunar cycles in weather, earthquakes, and volcanic eruptions.

The water cycle, also known as the hydrologic cycle or the $\text{H}_2\text{O}$ cycle, describes the continuous movement of water on, above and below the surface of the Earth. Although the balance of water on Earth remains fairly constant over time, individual water molecules can come and go, in and out of the atmosphere. For instance water moves from one body of water to another, such as from river to ocean, or from the ocean to the atmosphere, by the physical processes of evaporation, condensation, precipitation, infiltration, runoff, and subsurface flow. During this time, water goes through several phases: liquid, solid (ice), and gas (vapor).

The Water cycle also involves the interchanging of heat, which brings on temperature changes. When water evaporates, it takes up energy from its surroundings and cools the environment. When water condenses, it releases energy and warms the environment. These exchanges of heat influence the climate. By transferring water from one reservoir to another, the water cycle purifies the water and replenishes the land with freshwater, and transports minerals to different parts of the Earth. The water cycle also reshapes the geological features of the Earth, through the process of erosion and sedimentation. Finally yet importantly, the water cycle is a significant factor in the maintenance of ecosystems and life on the planet Earth.

The Solar cycle is the periodic change in the sun’s activity. Solar cycles last around 11 years. Solar cycles have been observed for hundreds of years most notably by changes in the appearance of the sun and by flares and sunspots. New solar cycles occur approximately once every 10 1/2 years.
Water & Solar Cycles Multiple Choice Questions

1. The Water cycle is also known as __________
   a) Hydrogen cycle
   b) Hydro Cycle
   c) Evaporation Cycle
   d) Hydrologic Cycle

2. The Water cycle involves exchanges of __________
   a) Heat
   b) Water
   c) Humidity
   d) None of the above

3. Phenomenon that re-occurs after regular intervals are known as ______
   a) Cycles
   b) Circles
   c) Cyclones
   d) None of the above

4. How often do new solar cycles occur? ______
   a) Every year
   b) Once in a lifetime
   c) Every 10 1/2 years
   d) Never

5. The water cycle does NOT figure significantly in the maintenance of life and ecosystems on Earth. Identify if the statement is True or False?
   a) True
   b) False
Water & Solar Cycles Writing Activity

1. What is a Water cycle?

2. Explain the relationship between change in temperature and water cycle?

3. What happens when water evaporates?

4. What happens to the sun during a solar cycle?