

Day 4

Blizzard Bag

Grade 4



FOURTH GRADE

BLIZZARD BAG

DIRECTIONS

Happy snow day #4!!! ❄️

I hope you have a fun day but let's get some work done so you can get outside and enjoy the snow!

Be sure to follow the directions on each worksheet. You are expected to do your best 4th grade work that includes neat handwriting. Each assignment will be turned in for a grade.

Reading:

Read the article *Chew on These Bubble Gum Facts*

Do the three worksheets that follow the story.

You will need to go back to the article to help you answer some of the questions.

Writing:

Follow the directions on the worksheet. Be sure to write a minimum of three paragraphs (4-6 sentences each). You may write more if you wish. Be careful to write neatly and be sure all sentences are written properly including capitalization, punctuation, and spelling.

Math:

- 1 worksheet

Mixed Multiplication Review

(Be careful to form your numbers neatly...
if I cannot read it----it will be marked incorrect)

Social Studies:

Oceans and Continents Worksheet

Remember to take time to study for any upcoming tests or quizzes. If you have a book to read or a book report due, today might be a good day to work on it.

Name: _____

Chew on These Bubble Gum Facts!

By Lydia Lukidis

Here is a riddle for you. What tastes good, is fun to chew, but can't be swallowed? You guessed it, bubble gum! People love to chew gum. In fact, people around the world have been chewing gum for thousands of years. But have you ever wondered how gum is made?



You may not believe this, but gum comes from trees. Ancient Greeks chewed something called resin. They got it from the bark of mastic trees. Ancient Mayans, who lived in South America, used something different. They chewed chicle. Chicle is very rubbery. It is made from the sap of the sapodilla tree. The indigenous people of North America chewed the sap from spruce trees.

In 1871, the chemist Thomas Adams created chewing gum made out of chicle. He manufactured it. That means he used machines to make a lot of gum. Then he sold it to many people. The good thing about chicle was that it did not melt when you chewed it. Instead, it got softer the more it was chewed.

Chicle was used to make gum for many years. Then in 1928, Walter Diemer invented modern bubble gum. The first bubble gum was pink. Diemer called it "Dubble Bubble." Today, pink is still the most popular color for bubble gum. But chicle is no longer needed to make gum. Chemists figured out ways to create artificial gum. Everything could be made in a lab. Chemists discovered other things too. For example, they figured out how to make the gum's taste last longer. That made people happy!

But people who chew gum need to remember something. Gum is not meant to be

swallowed. When we eat food, it is digested in our bodies. That keeps us healthy. However, our bodies cannot digest gum. Some people believe the gum sticks together in our stomach and blocks everything. Others even believe that gum stays there for seven years. This is not true. If you swallow gum, it will just come out when you go to the bathroom.

There are many ingredients in today's bubble gum. There is sugar, corn syrup, softeners, flavoring, and latex. The latex makes the gum stretch. That way, you can blow bubbles.

Speaking of bubbles, do you know who blew the biggest bubble in the world? According to the Guinness Book of World Records, Chad Fell from the United States did. In 2004, he blew a bubble 20 inches wide and he didn't even use his hands! That's pretty impressive. You can also practice blowing big bubbles. But be prepared to get some gum sticking to your face once the bubble pops!

About the Author



Lydia Lukidis is a published children's author with a multi-disciplinary background that spans the fields of literature, theater, and puppetry.

Lydia's picture book, *Gerbs in the House: The Dilly Dally Bedtime Routine*, is now available. Find out if Mocha will ever get his silly son to sleep!

Lukidis, Lydia. *Gerbs in the House: The Dilly Dally Bedtime Routine* ISBN: 978-0-9917402-7-7

Name: _____

Chew on These Bubble Gum Facts!

By Lydia Lukidis



1. According to the information you read in the article, which statement is true about bubble gum?
 - a. Gum was first invented by Thomas Adams in 1871.
 - b. Walter Diemer called his modern day bubble gum, "Hubba Bubba."
 - c. People in ancient times, such as the Greeks and the Mayans, chewed different types of tree sap as a form of gum.
 - d. Modern day bubble gum only has one or two ingredients in it.
2. Is chicle still used to make bubble gum? Why or why not?

3. Based on the information in the article, what did Chad Fell do?
 - a. He made bubble gum out of resin.
 - b. He manufactured chewing gum made out of chicle.
 - c. He invented modern bubble gum in a lab.
 - d. He blew a 20 inch bubble in 2004.
4. A myth is a popular belief that isn't true. What are two myths about bubble gum that some people believe?
 1. _____
 2. _____
5. What ingredient in modern day bubble gum makes it stretch? _____

Chew on These Bubble Gum Facts!

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Match each vocabulary word from the reading passage with the correct definition.

_____ 1. impressive

_____ 2. resin

_____ 3. indigenous

_____ 4. chemist

_____ 5. artificial

_____ 6. manufactured

_____ 7. ingredients

_____ 8. riddle

_____ 9. digest

_____ 10. swallow

a. a copy or replica of something that occurs naturally

b. food items that you combine to make a specific dish

c. awesome; worthy of admiration

d. a question or statement that is posed in such a way that requires it to be solved

e. cause food or drink to pass down the throat

f. native; originating from a particular place

g. the body's way of breaking down food so it can be used to supply nutrients and energy

h. a sticky substance that comes from trees and plants

i. chemical researcher; expert in chemistry

j. make a large quantity of something using machinery



Multiplication (Vertical)

Name: _____

Solve each problem.

$$\begin{array}{r} 1) \quad 944 \\ \times \quad 89 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 385 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 8,069 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 88 \\ \times \quad 34 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 14 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 45 \\ \times \quad 34 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 960 \\ \times \quad 29 \\ \hline \end{array}$$

$$\begin{array}{r} 8) \quad 945 \\ \times \quad 32 \\ \hline \end{array}$$

$$\begin{array}{r} 9) \quad 581 \\ \times \quad 18 \\ \hline \end{array}$$

$$\begin{array}{r} 10) \quad 4,209 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11) \quad 7,341 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12) \quad 84 \\ \times \quad 4 \\ \hline \end{array}$$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

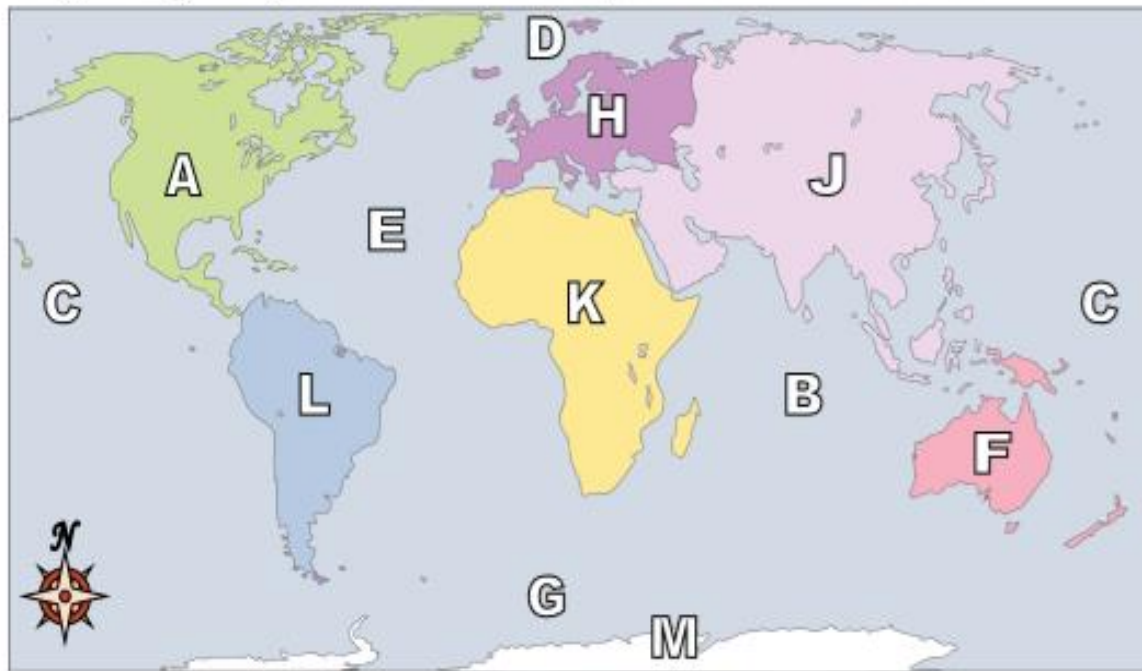
10. _____

11. _____

12. _____



Using the map below, determine which letter represents each continent or ocean.



Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____

- | | |
|------------------------|--------------------------|
| 1) North America _____ | 8) Pacific Ocean _____ |
| 2) South America _____ | 9) Atlantic Ocean _____ |
| 3) Europe _____ | 10) Indian Ocean _____ |
| 4) Asia _____ | 11) Arctic Ocean _____ |
| 5) Africa _____ | 12) Southern Ocean _____ |
| 6) Australia _____ | |
| 7) Antarctica _____ | |
-
- 13) If you were in Europe and went south which continent would you end up in?
 A. North America C. Asia
 B. Africa D. South America
 - 14) Which continent is not touching any other continents?
 A. Antarctica C. North America
 B. Africa D. Europe
 - 15) Which ocean touches Africa's western border?
 A. Pacific Ocean C. Indian Ocean
 B. Arctic Ocean D. Atlantic Ocean
 - 16) Which continent is touching the eastern border of Europe?
 A. Africa C. Asia
 B. South America D. Australia
 - 17) Which ocean touches South America's western border?
 A. Indian Ocean C. Atlantic Ocean
 B. Pacific Ocean D. Arctic Ocean