

CONTESTANT ID #: \_\_\_\_\_

Place Contestant ID label here BEFORE  
Contest Begins

GRADE LEVEL : \_\_\_\_\_



# Listening Skills

## State Contest

Grades 4/5 & 6-8



2022

Grader #1 Score: \_\_\_\_\_

Grader #2 Score: \_\_\_\_\_

Grader #3 Score: \_\_\_\_\_

FINAL SCORE: \_\_\_\_\_

(Please do not open test until the signal is given to begin.)

**Listening Skills Contest**  
**STATE – 2022**  
**“Yes, Chewing Gum”**

1. Which of these was not mentioned as a use of petroleum products in the article you just heard?  
A. to produce electricity  
B. to power vehicles  
C. to produce vaccines  
D. to heat buildings
2. In what industry is petroleum used as a raw material for products?  
A. petrochemical  
B. lipstick  
C. polyurethane  
D. banking
3. Which of these was not among those listed as unexpected products made from oil?  
A. perfume  
B. guitar strings  
C. dentures  
D. hair spray
4. People have chewed gum since . . .  
A. 1848  
B. 1756  
C. 2600 B.C.E.  
D. 250 B.C.
5. The people first attributed to chewing gum were from . . .  
A. Great Britain  
B. Yucatan Peninsula  
C. Maine  
D. Zimbabwe
6. Inhabitants of the place first attributed to chewing gum chewed a latex called . . .  
A. spruce  
B. chicle  
C. fleer  
D. elastic
7. From where did this first chewing gum substance come?  
A. the Sapodilla tree  
B. the Spruce tree  
C. petroleum  
D. sugar cane
8. In what year was the first commercial chewing gum sold?  
A. 1756  
B. 1860  
C. 1848  
D. 1914
9. Who made and sold the first chewing gum?  
A. Henry Fleer  
B. Thomas Adams  
C. William Wrigley  
D. John Bacon Curtis
10. The name the first inventor of commercial chewing gum gave his product was . . .  
A. State of Mind Pure Juice Gum  
B. State of Bliss Pure Chewing Gum  
C. State of Maine Pure Spruce Gum  
D. State of Plain Pure Bliss Gum
11. Chicle during the 1860's was imported from \_\_\_\_\_ as a \_\_\_\_\_ substitute.  
A. China . . . denture adhesive  
B. Mexico . . . rubber  
C. South America . . . sugar  
D. Africa . . . plastic
12. The imported chicle was tapped from a tropical evergreen tree named . . .  
A. Manilkara  
B. Mimosa  
C. Spruce  
D. Ironwood
13. When did Thomas Adams patent his American chewing gum?  
A. 1776  
B. 1848  
C. 1871  
D. 1893
14. What ingredients were added to chewing gum in 1880?  
A. sugar, spearmint, coffee  
B. sugar, vanilla, peppermint  
C. vanilla, cane syrup, sugar  
D. corn syrup, peppermint, sugar
15. Which inventor first added these ingredients to chewing gum in 1880?  
A. Wrigley  
B. White  
C. Adams  
D. Fleer
16. The first sugar-coated gum was produced by . . .  
A. Wrigley  
B. White  
C. Adams  
D. Fleer
17. Wrigley Chewing Gum was founded in . . .  
A. 1891  
B. 1893  
C. 1901  
D. 1910

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18. Wrigley's first name was . . .  
A. Henry                      C. Walter  
B. John                        D. William
19. In 1893, Wrigley produced . . .  
A. Juicy Fruit gum  
B. Spearmint gum  
C. Both of the above  
D. None of the above
20. Which inventors added mint and fruit extracts to produce Doublemint gum?  
A. Adams and Fleeer  
B. Fleeer and Wrigley  
C. Diemer and Wrigley  
D. Curtis and Adams
21. On which continent was a factory for Wrigley Company deemed successful?  
A. Africa                      C. Australia  
B. London                     D. Canada
22. In what year was a successful factory established in New Zealand?  
A. 1910                        C. 1915  
B. 1914                        D. 1939
23. What was Walter Diemer's initial occupation?  
A. accountant                C. dentist  
B. professor                  D. oilman
24. What did Walter Diemer invent while attempting to make a new rubber product from an oil derivative?  
A. latex gloves                C. bubble gum  
B. wax lips                     D. lipstick
25. In what year did Diemer make his discovery?  
A. 1928                        C. 1938  
B. 1915                        D. 1927
26. What company reintroduced the popularity of Double Bubble gum in 1951?  
A. Wrigley Co.                C. Fleeer Co.  
B. Chiclet Co.                D. Topps Co.
27. What did the bubble gum company add to the package in 1951 that increased its popularity?  
A. a stick of Juicy Fruit gum  
B. baseball cards  
C. football cards  
D. a coupon for another pack of gum
28. Who invented sugarless gum?  
A. Dr. Blammo  
B. Dr. Peabody  
C. Dr. Petrolia  
D. Dr. Petrulis
29. What harmful ingredient did the first sugarless gum contain?  
A. cyanimide                      C. ammonia  
B. lead                                D. formaldehyde
30. The first non-toxic sugar-free bubble gum was called . . .  
A. Bubble Yum                C. Chiclets  
B. Ice                                D. Blammo



# Listening Skills

## State 2022

*GRADERS: Write scores and initial.*

Score 1: \_\_\_\_\_

Score 3: \_\_\_\_\_

Score 2: \_\_\_\_\_

FINAL: \_\_\_\_\_

Contestant ID: \_\_\_\_\_ Grade: \_\_\_\_\_

INSTRUCTIONS: Place the PRINTED CAPITAL letter of each answer choice (A, B, C, or D) in the blank corresponding to the test item number. SCORING: +5 for each correct answer; -2 for each incorrect answer; no deduction for skipped or unanswered items. Visible erasures and mark-outs constitute a 2-point deduction ONLY if a correct answer is not written in the answer space.

- |           |           |
|-----------|-----------|
| 1. _____  | 16. _____ |
| 2. _____  | 17. _____ |
| 3. _____  | 18. _____ |
| 4. _____  | 19. _____ |
| 5. _____  | 20. _____ |
| 6. _____  | 21. _____ |
| 7. _____  | 22. _____ |
| 8. _____  | 23. _____ |
| 9. _____  | 24. _____ |
| 10. _____ | 25. _____ |
| 11. _____ | 26. _____ |
| 12. _____ | 27. _____ |
| 13. _____ | 28. _____ |
| 14. _____ | 29. _____ |
| 15. _____ | 30. _____ |



**Listening Skills**  
**State 2022**

***ANSWER KEY***

INSTRUCTIONS: Place the PRINTED CAPITAL letter of each answer choice (A, B, C, or D) in the blank corresponding to the test item number. SCORING: +5 for each correct answer; -2 for each incorrect answer; no deduction for skipped or unanswered items. Visible erasures and mark-outs constitute a 2-point deduction ONLY if a correct answer is not written in the answer space.

- |              |              |
|--------------|--------------|
| 1. <b>C</b>  | 16. <b>D</b> |
| 2. <b>A</b>  | 17. <b>A</b> |
| 3. <b>D</b>  | 18. <b>D</b> |
| 4. <b>C</b>  | 19. <b>C</b> |
| 5. <b>B</b>  | 20. <b>B</b> |
| 6. <b>B</b>  | 21. <b>C</b> |
| 7. <b>A</b>  | 22. <b>D</b> |
| 8. <b>C</b>  | 23. <b>A</b> |
| 9. <b>D</b>  | 24. <b>C</b> |
| 10. <b>C</b> | 25. <b>A</b> |
| 11. <b>B</b> | 26. <b>D</b> |
| 12. <b>A</b> | 27. <b>B</b> |
| 13. <b>C</b> | 28. <b>D</b> |
| 14. <b>D</b> | 29. <b>C</b> |
| 15. <b>B</b> | 30. <b>D</b> |

## LISTENING PASSAGE – State 2022

### Yes, Chewing Gum

We use petroleum products to propel vehicles, to heat buildings, and to produce electricity. In the industrial sector, the petrochemical industry uses petroleum as a raw material to make products such as plastics, polyurethane, solvents, and hundreds of other intermediate and end-user goods. Some of the most unexpected products made from oil include sports equipment, lipsticks, dentures, toothpaste, perfume, antiperspirants, guitar strings, and chewing gum.

Yes, chewing gum. For centuries, dating back to 2600 B.C.E., inhabitants of the Yucatan Peninsula have chewed the latex, called chicle, of the Sapodilla tree, an evergreen that flourishes in the rainforests of the region. The first commercial chewing gum was made and sold in 1848 by John Bacon Curtis. He called his chewing gum the State of Maine Pure Spruce Gum. Modern chewing gum dates from the 1860s, when chicle was further discovered and developed. Chicle at that time was imported to America from Mexico as a rubber substitute and was tapped from a tropical evergreen tree named Manilkara chicle in the same way that latex is tapped from a rubber tree. In the 19th century, inventor, Thomas Adams, used chicle as the base for an improved American chewing gum, and in 1871 he patented his concoction.

Because Adams' invention did not hold its flavor well, in 1880, William White helped to solve this problem by combining sugar, corn syrup, and peppermint. Also in 1880, Henry Fler and Frank Fler experimented with chicle and produced the first sugar-coated Chiclets.

In 1891, William Wrigley, Jr. founded Wrigley Chewing Gum. Juicy Fruit gum came next in 1893, and Wrigley's Spearmint was

introduced later that same year. In 1914 William Wrigley and Henry Fler added mint and fruit extracts producing Wrigley's Doublemint. The Wrigley Company became an international success, with factories established in Canada in 1910, Australia in 1915, Great Britain in 1927, and New Zealand in 1939.

In 1928, an accountant for the Fler gum company, Walter Diemer, attempted to make a new rubber product from an oil derivative, but accidentally founded bubble gum. He called his invention Dubble Bubble. In 1951, the Topps Company reinvented the popularity of bubble gum by adding baseball cards to the package.

After World War II, various waxes, plastics, and synthetic rubber virtually replaced chicle in chewing gum manufacture. In the 1950's, as consumers became more health conscious, sugarless gum was introduced. The original idea behind sugar-free gum belongs to a dentist, Dr. Petrulis. Those "dentists approved" chewing gums contained ammonia. This substance counteracted acid that led to tooth decay. Dr. Petrulis sold his company to the William Wrigley Company. In the late 1960's, Wrigley produced the first non-toxic sugar-free bubble gum called Blammo. Artificially sweetened chewing gum found a wide market in the United States beginning in the late 20th century.

Today, there are hundreds of gum flavors, from classic vanilla to coke flavor. There are many types of gums available in the market, from gums used for medical purposes, to the gums that color teeth. Yes, people certainly enjoy chewing gum derived from the natural resource, petroleum.