

NATIONAL SCIENCE LEAGUE – 2015

GRADE 2 CONTEST

- ANSWER KEY -

- | | |
|-------------------|-------------------|
| 1. _____ C _____ | 13. _____ C _____ |
| 2. _____ D _____ | 14. _____ B _____ |
| 3. _____ A _____ | 15. _____ A _____ |
| 4. _____ B _____ | 16. _____ C _____ |
| 5. _____ D _____ | 17. _____ A _____ |
| 6. _____ A _____ | 18. _____ C _____ |
| 7. _____ C _____ | 19. _____ A _____ |
| 8. _____ B _____ | 20. _____ D _____ |
| 9. _____ B _____ | 21. _____ B _____ |
| 10. _____ D _____ | 22. _____ D _____ |
| 11. _____ B _____ | 23. _____ A _____ |
| 12. _____ D _____ | 24. _____ D _____ |
| | 25. _____ C _____ |

NATIONAL SCIENCE

Grade 2

DIRECTIONS: On the answer sheet, write the letter of the choice that best answers or completes the question.

1. The planet nearest to the sun is _____.
 - A. Mars
 - B. Venus
 - C. Mercury
 - D. Earth

2. Apple juice is sold by the _____.
 - A. pound
 - B. gram
 - C. meter
 - D. liter

3. Which would be hardest to see if it was on a green leaf?
 - A. a praying mantis
 - B. a bee
 - C. a ladybug
 - D. a white moth

4. Both plants and animals _____.
 - A. can make their own food
 - B. are made of cells
 - C. have lungs and hearts
 - D. can move from place to place

5. Temperature is the measure of how _____.
 - A. fast or slow something is moving
 - B. large or small something is
 - C. heavy or light something is
 - D. hot or cold something is

6. Water enters a green plant through its _____.
 - A. roots
 - B. stems
 - C. leaves
 - D. flowers

7. Which of these is a true statement about astronomy?
- A. The earth is the center of the solar system.
 - B. The sun rises in the west and sets in the east.
 - C. The moon revolves around the earth.
8. A good source of electrical energy is a _____.
- A. permanent magnet
 - B. battery
 - C. flashlight
 - D. motor
9. Which animal has six legs and a body with three parts?
- A. a spider
 - B. an ant
 - C. a crab
 - D. a lobster
10. Most of the earth's surface is covered by _____.
- A. mountains
 - B. glaciers
 - C. continents
 - D. oceans
11. A fire department siren makes a sound that is _____.
- A. soft with a low pitch
 - B. loud with a high pitch
 - C. loud with a low pitch
 - D. soft with a high pitch
12. Hot ash and lava flows are part of _____.
- A. tornadoes
 - B. earthquakes
 - C. landslides
 - D. volcanic eruptions

13. When an ice cube melts it changes from a

- A. gas to a liquid
- B. liquid to a solid
- C. solid to a liquid
- D. gas to a solid

14. The instrument on the right is used to look at

- A. blood cells
- B. the moon
- C. a diamond ring
- D. an ant on the sidewalk



15. Which is NOT true about rocks?

- A. All rocks feel rough.
- B. Rocks come in different shapes, sizes, and colors.
- C. Soil is made from broken down rocks.
- D. The land we walk on is made of soil and rock.

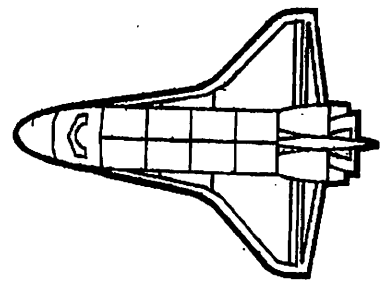
16. Which animals have feathers, a beak, and a bony skeleton?

- A. reptiles
- B. mammals
- C. birds
- D. amphibians

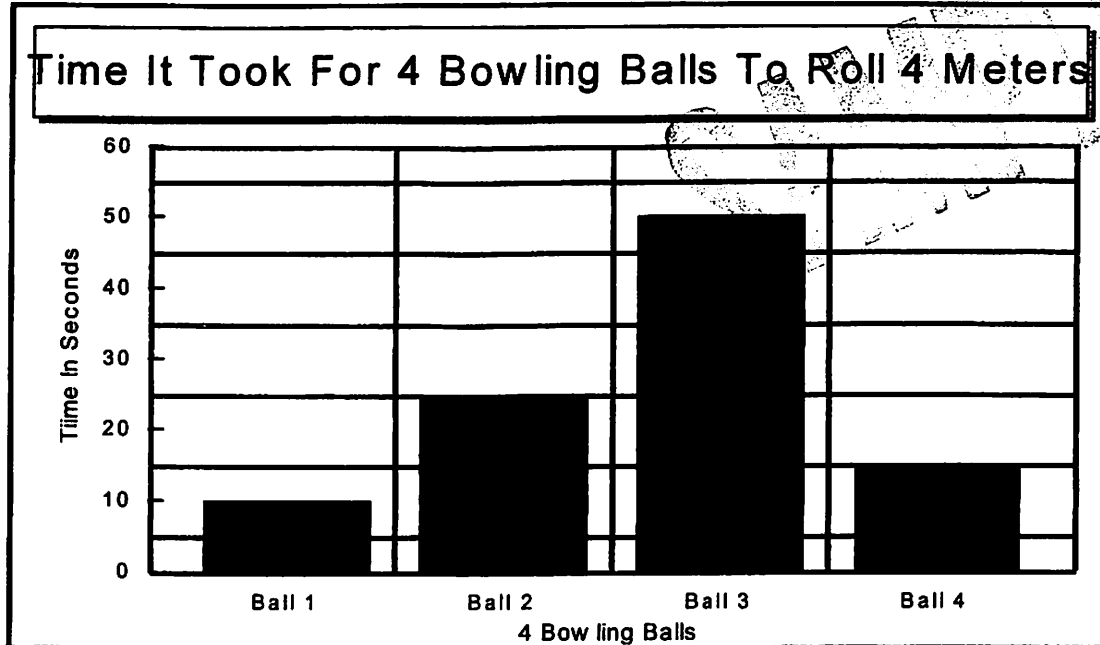
17. Which animal is correctly matched with its habitat?

- A. an alligator in a swamp
- B. a whale in a lake
- C. a camel in the rain forest
- D. a frog in the desert

18. Which of these would protect someone from an electrical shock?
- A. salt water
 - B. aluminum foil
 - C. rubber or plastic
 - D. copper or iron metal
19. Which is true about the moon?
- A. It was visited by astronauts.
 - B. It is as large as the earth is.
 - C. It makes its own light like the sun does.
 - D. It has air around it like the earth does.
20. What do fish use to get the air they need?
- A. scales
 - B. fins
 - C. lungs
 - D. gills
21. Meteorologists use the shape of clouds in the sky to tell them _____.
- A. how much rain will fall that day
 - B. what the weather is like that day
 - C. how fast the wind is blowing
 - D. the temperature of the air
22. The object on the right was used by astronauts to _____.
- A. go to stars in our galaxy
 - B. explore other planets
 - C. go to the moon
 - D. orbit the earth



USE THE FOLLOWING BAR GRAPH TO ANSWER QUESTION 23:



23. Four bowling balls were rolled on a flat, wood floor. They went a distance of 4 meters. According to the bar graph above, which one of the bowling balls took the least time to go 4 meters?
- A. Ball 1
 - B. Ball 2
 - C. Ball 3
 - D. Ball 4

USE THE FOLLOWING MAP TO ANSWER QUESTIONS 24 AND 25:



24. The tallest mountain on earth is found near location

- A. A
B. B
C. C
D. D

25. In which of these four locations do zebras live in the wild?

- A. Location A
B. Location B
C. Location C
D. Location D