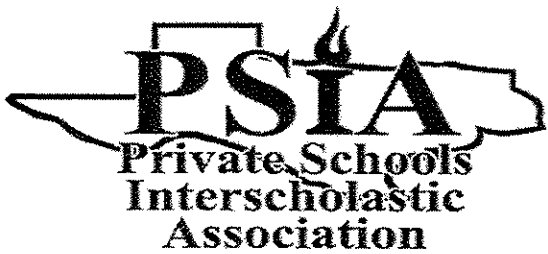


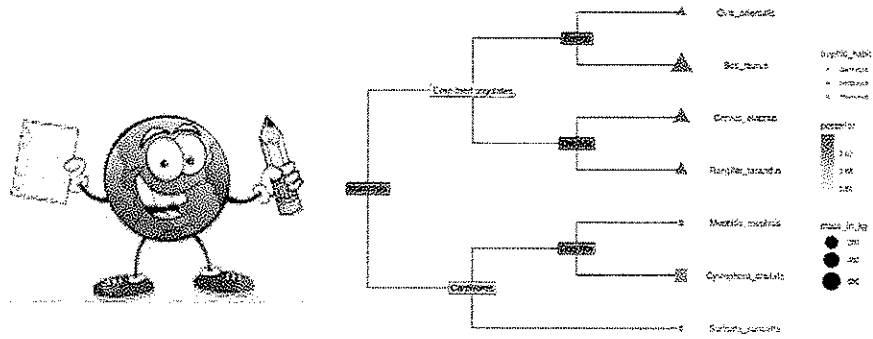
Place Contestant ID Label HERE
BEFORE Contest Begins.



Maps, Graphs, & Charts

DISTRICT Contest

Grades 4/5



2020

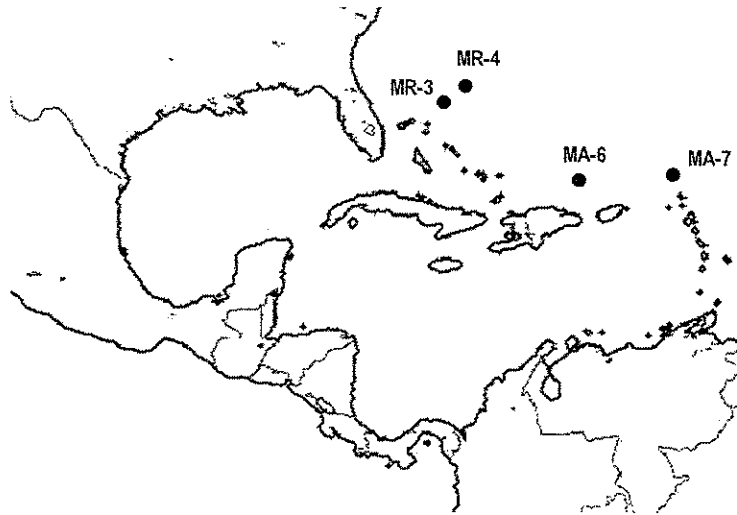
FINAL SCORE: _____

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

Chart and Map – Use the following chart and map to answer questions about NASA’s (manned) Mercury program.

Mission	Call-sign	Pilot	Launch time (local)	Duration	Orbits	Apogee (mi)	Perigee (mi)
MR-3	Freedom 7	Shepard	9:34am – May 5, 1961	15 m 22 s	0	117	None
MR-4	Liberty Bell 7	Grissom	7:20am – Jul 21, 1961	15 m 37 s	0	118	None
MA-6	Friendship 7	Glenn	9:47am – Feb 20, 1962	4 h 55 m 23 s	3	162	100
MA-7	Aurora 7	Carpenter	7:45am – May 24, 1962	4 h 56 m 5 s	3	167	100
MA-8	Sigma 7	Schirra	7:15am – Oct 3, 1962	9 h 13 m 15 s	6	176	100
MA-9	Faith 7	Cooper	8:04am – May 15, 1963	1 d 10 h 19 m 49 s	22	166	100

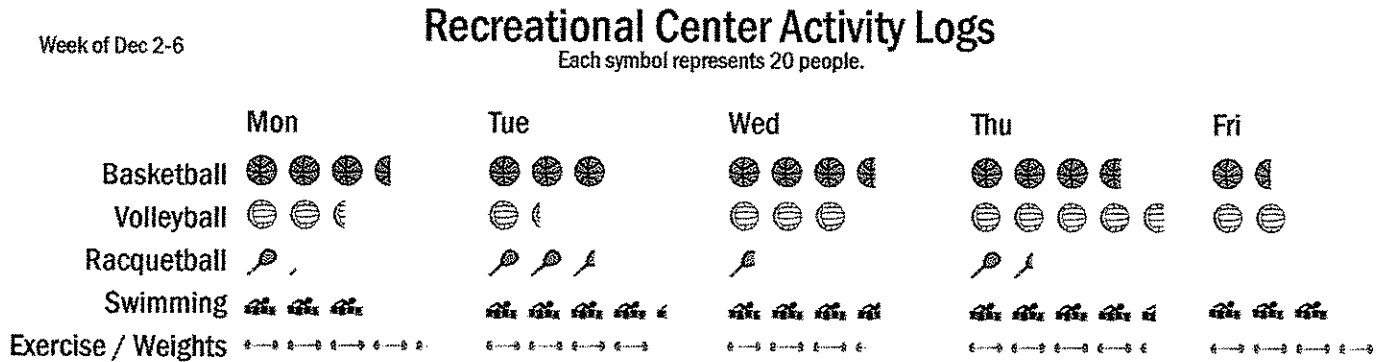
MR = Mercury-Redstone MA = Mercury-Atlas



10. What was the call-sign for the Mercury-Atlas 8 mission?
 - A. Aurora 7
 - B. Liberty Bell 7
 - C. Faith 7
 - D. Sigma 7
11. Which mission had the lowest apogee?
 - A. Mercury-Redstone 3
 - B. Mercury-Redstone 4
 - C. Mercury-Atlas 6
 - D. Mercury-Atlas 9
12. Who piloted Freedom 7?
 - A. Alan Shepard
 - B. John Glenn
 - C. Wally Schirra
 - D. Gus Grissom
13. What time of day (local time from the launch point) did Aurora 7 splashdown?
 - A. 12:51pm
 - B. 12:22pm
 - C. 12:36pm
 - D. 12:41pm
14. Which pilot landed in the Atlantic Ocean, just north of the Dominican Republic?
 - A. Scott Carpenter
 - B. Alan Shepard
 - C. Wally Schirra
 - D. John Glenn

15. Which of the following statements about the manned flights of the Mercury program is not true?
- A. The Mercury-Redstone program preceded the Mercury-Atlas program.
 - B. All manned Mercury-Redstone flights were “suborbital,” meaning the spacecraft did not orbit the Earth before descending and landing.
 - C. Each Mercury mission was piloted by a different astronaut.
 - D. All manned Mercury missions were launched in the morning and landed in the morning.

Pictogram – Use the information in the pictogram from the Rec Center visitor’s log to answer the following questions.



16. How many people came to the Rec Center to play basketball on Tuesday of this week?
- A. 3
 - B. 30
 - C. 6
 - D. 60
17. What day of this week did more people come to the Rec Center to play volleyball than participate in any other activity?
- A. Friday
 - B. Thursday
 - C. Wednesday
 - D. Monday
18. Which activity did 84 people participate in on Tuesday of this week?
- A. exercise / weights
 - B. swimming
 - C. volleyball
 - D. racquetball
19. How many fewer people played basketball on Friday than lifted weights (or exercised)?
- A. 50
 - B. 40
 - C. 60
 - D. 30
20. Which day had half the number of people playing volleyball than who played it on Thursday?
- A. Monday
 - B. Tuesday
 - C. Wednesday
 - D. Friday
21. What day were the racquetball courts closed for cleaning and recoating?
- A. December 6th
 - B. December 4th
 - C. December 2nd
 - D. December 3rd

34. Which of the following statements is correct?
- A. Throughout the course, the number of students receiving B's increased.
 - B. More students earned A's than any other grade overall.
 - C. Throughout the course, fewer and fewer students received D's on their exams.
 - D. The same number of students scored C's for all three exams.

Atlas Questions – North and South America – Use the atlas to answer the following questions about North and South America.

35. Which of the following ethnicities makes up about 3.1% of the population of Canada?
- A. Scottish
 - B. Ukrainian
 - C. East Indian
 - D. French
36. The Caratasca Lagoon is located off the coast of which country?
- A. Panama
 - B. Costa Rica
 - C. Honduras
 - D. Venezuela
37. What Mexican state is Hermosillo the capital of?
- A. Coahuila
 - B. Zacatecas
 - C. Chihuahua
 - D. Sonora
38. Which country is Chile's most important trade partner?
- A. China
 - B. United States
 - C. Japan
 - D. European Union
39. Which of the following cities averages 45 inches of rainfall per year?
- A. Paramaribo, Suriname
 - B. Regina, Saskatchewan, Canada
 - C. Colon, Panama
 - D. Winston-Salem, North Carolina, USA
40. In the Andes Mountains, what happens to the climate as the altitude increases?
- A. It gets wetter and warmer.
 - B. It gets wetter and colder.
 - C. It gets drier and warmer.
 - D. It gets drier and colder.

Atlas Questions – The World – Use the atlas to answer the following questions about the world.

41. Which of the following lakes is north of the Arctic Circle?
- A. Lake Ladoga
 - B. Lake Inari
 - C. Lake Vattern
 - D. Lake Peipus
42. What island is the current capital of Indonesia located on?
- A. Sumatra
 - B. Java
 - C. Sulawesi (Celebes)
 - D. Borneo
43. What is the most densely populated country in Europe?
- A. Russia
 - B. Monaco
 - C. Turkey
 - D. Austria

44. Which tectonic plate resides between the South American Plate and the Pacific Plate?
- A. Australian Plate B. Philippine Plate
C. African (Nubian) Plate D. Nazca Plate
45. What is the approximate population of all Africans, aged 30 to 34?
- A. 80 million B. 100 million
C. 20 million D. 50 million
46. What is the predominant religion of Mongolia?
- A. Traditional or Folk B. Hinduism
C. Islam D. Buddhism
47. Tahitians and Maori are classified under what major group of indigenous people in the South Pacific?
- A. Micronesians B. Polynesians
C. Melanesians D. Aborigines
48. Bislama, the official language of Vanuatuan people, is based on what language family?
- A. Nilo-Saharan B. English creole
C. Sino-Tibetan D. Khoisan
49. What metal is southeast Brazil known for producing?
- A. silver B. copper
C. magnesium D. iron
50. Due to the Syrian Civil War (2011-present), how many Syrians left their homeland and immigrated to Lebanon?
- A. Approximately three million B. Approximately two million
C. Approximately one million D. Approximately one-half million

PSIA Maps, Graphs & Charts – Grades 4/5 Contest

Contestant Answer Sheet – DISTRICT 2020

CONTESTANT ID#: _____

GRADE LEVEL: _____

INSTRUCTIONS: Place the 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 deductions for skipped or unanswered items. Any mark on a space counts as an attempt.

ANSWER	ANSWER	ANSWER		
1. _____	18. _____	35. _____		
2. _____	19. _____	36. _____		
3. _____	20. _____	37. _____		
4. _____	21. _____	38. _____		
5. _____	22. _____	39. _____		
6. _____	23. _____	40. _____		
7. _____	24. _____	41. _____		
8. _____	25. _____	42. _____		
9. _____	26. _____	43. _____		
10. _____	27. _____	44. _____		
11. _____	28. _____	45. _____	<u>SCORE</u>	<u>Initials</u>
12. _____	29. _____	46. _____	Grader 1: _____	_____
13. _____	30. _____	47. _____	Grader 1: _____	_____
14. _____	31. _____	48. _____	Grader 1: _____	_____
15. _____	32. _____	49. _____		
16. _____	33. _____	50. _____		
17. _____	34. _____		Official Score: _____	

Contest Director ONLY: AFTER scoring, place this answer sheet with the Contestant's ID-labeled test.

PSIA Maps, Graphs & Charts Contest
Grades 4-5 DISTRICT – 2020
ANSWER KEY

Page number references in parentheses are found only in the **2018** or **NEWER** editions of the *Nystrom Desk Atlas*. **Scoring:** +5 for each correct answer; -2 for each incorrect answer. No points are deducted for skipped or unanswered items. Deduct 2 points for erasures/mark-outs not resulting in a correct answer.

- | | | |
|-------------|-------|-------------|
| 1. C (93) | 18. B | 35. A (67) |
| 2. D (95) | 19. A | 36. C (107) |
| 3. C (88) | 20. A | 37. D (114) |
| 4. D (86) | 21. A | 38. A (124) |
| 5. A (101) | 22. D | 39. D (80) |
| 6. A (84) | 23. B | 40. D (123) |
| 7. D (76) | 24. D | 41. B (157) |
| 8. B (83) | 25. A | 42. B (181) |
| 9. B (75) | 26. C | 43. B (145) |
| 10. D | 27. B | 44. D (20) |
| 11. A | 28. B | 45. A (36) |
| 12. A | 29. C | 46. D (177) |
| 13. D | 30. A | 47. B (194) |
| 14. D (107) | 31. D | 48. B (205) |
| 15. D | 32. A | 49. D (31) |
| 16. D | 33. D | 50. C (48) |
| 17. B | 34. C | |