

2011-2012



**Senior
PACK
#5**

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TEAM #

TEAM NAME:

vs . TEAM #

TEAM NAME:

SENIOR SCHOOLREACH – 2011-2012
PACK # 5

HOST: Welcome to SCHOOLREACH. I'm _____ your quizmaster for this game between [school #1] _____ and [school #2] _____. In this match, we have [player #1] _____, [player #2] _____, [player #3] _____, [player #4] _____ of [school #1] _____ pitted against [player #1] _____, [player #2] _____, [player #3] _____, [player #4] _____ of [school #2] _____.

We'll play three rounds of questions, with a minute break between each round. Now, if the scorekeeper is ready, let's begin ROUND ONE OF SCHOOLREACH!

40-POINT SNAPSTART TO ROUND ONE

1. English is included in what branch of the Indo-European family of languages?
A. GERMANIC
2. What is the capital of Mongolia?
A. ULAN BATOR
3. One can speak of energy in two different ways, it can be potential energy or what other kind?
A. KINETIC
4. What substance, derived from the bark of the cinchona shrub or tree, is used to combat malaria?
A. QUININE

30-POINT OPEN QUESTION – SYMBOLS

5. What two symbols, standing for the workers and peasants, adorned the flag of the Soviet Union?
A. HAMMER & SICKLE
6. If you see "ff" in a piece of music, does this mean you should play faster, slower, or very loudly?
A. VERY LOUDLY (ff is short for FORTISSIMO)
7. In physics, what letter is generally used to represent the speed of light?
A. c (as in $E=mc^2$)

40-POINT TEAM QUESTION – ASTRONOMY

In this two-part TEAM QUESTION, whichever team is first to answer correctly the ten-point SCRAMBLE QUESTION in PART ONE, is then eligible for the remaining ten-point questions in PART TWO.

PART ONE: Scramble for ten points.

8. Built as a prototype for NASA's current space program, what was the name of the first U.S. space shuttle?
A. THE ENTERPRISE

PART TWO: The remaining questions deal with "The Enterprise"
SCORE TEN POINTS FOR EACH CORRECT ANSWER.

9. The name "Enterprise" was suggested by thousands of fans of what television series?
A. STAR TREK
10. Which U.S. president made the final choice?
A. GERALD FORD
11. What name did NASA want to call the shuttle?
A. THE CONSTITUTION

20-POINT SPECIAL – WORDS

12. What is the proverb that contradicts the expression "You're never too old to learn"?
A. "YOU CAN'T TEACH AN OLD DOG NEW TRICKS"

40-POINT OPEN QUESTION – CANADIAN FOOD AND DRINK

13. What food was the first to be rationed in Canada during World War II?
A. SUGAR
14. What name is given to the edible seaweed from the Atlantic provinces?
A. DULSE
15. What alcoholic drink used to be a tradition in the Canadian military, distributed often before battle, in a custom adopted from the British?
A. RUM
16. The Inuit food "muktuk" is made from the meat derived from what creature?
A. WHALE

80-POINT ASSIGNED QUESTION – SCIENCE

Here is an ASSIGNED QUESTION in which each member of the each team is assigned a ten-point question. If you miss your question, then your counterpart on the opposing team will have a chance at it for ten points. Given the definition of an SI unit in terms of fundamental SI units, give the common name for the unit

TEAM A:

17. $1/s$ (one over seconds)
A. HERTZ
18. $kg / m * s^2$ (kilogram per meter second squared)
A. PASCAL
19. $kg * m^2 / A * s^3$ (kilogram meter squared per amp second cubed)
A. VOLT
20. $kg * m^2 / s^2 * A^2$ (kilogram meter squared per second squared amp squared)
A. HENRY

TEAM B:

21. $\text{kg} \cdot \text{m} / \text{s}^2$ (kilogram meter per second squared)
A. NEWTON
22. $\text{kg} \cdot \text{m}^2 / \text{s}^3$ (kilogram meter squared per second cubed)
A. WATT
23. mol/s (mole per second)
A. KATAL
24. A/s (Amp per second)
A. COULOMB

40-POINT SNAPOUT TO END THE ROUND

25. Who won the Nobel Prize for Literature in 1957 and died in a car crash in 1960?
A. ALBERT CAMUS
26. The very expensive, thread-like flavouring material called saffron is extracted from an Asian genus of what flower?
A. CROCUS
27. What English scientist included in his many discoveries the first accurate understanding of the composition of the air we breathe?
A. HENRY CAVENDISH
28. In chemistry, what is the basis of classification of the elements?
A. PERIODIC LAW

ONE-MINUTE BREAK TO ROUND TWO

40-POINT SNAPSTART TO ROUND TWO

29. Marmolada is the highest peak of which Alpine mountain range?
A. DOLOMITES
30. An adult human has four canines. What are canines?
A. TEETH
31. What is the subtitle of the 22nd season of the TV show Survivor, which started airing in February 2011?
A. REDEMPTION ISLAND
32. What late pop music star led a group called "The Wailers"?
A. BOB MARLEY

40-POINT OPEN QUESTION – DRAGONS

33. In which Eastern country are dragons a sign of good luck?
A. CHINA
34. Which kind of "dragon" truly exists in the animal kingdom, on an Indonesian island?
A. KOMODO DRAGON
35. What famous saint was responsible for saving a town from a terrible dragon?
A. ST. GEORGE

36. In which Robert Munsch story does a princess save a prince from a dragon?

A. "THE PAPER BAG PRINCESS"

40-POINT WHAT AM I?

37. This question is worth 40 points if you guess the answer on the first clue and 10 points less with each succeeding clue, until either team answers the question correctly.

CLUE A: I am a gaseous element first isolated by Scheele. WHAT AM I?

CLUE B: I am greenish-yellow in colour, with a pungent odour. WHAT AM I?

CLUE C: I was used during World War I as a weapon of human destruction in the form of a poisonous gas.
WHAT AM I?

CLUE D: I am chemical element #17 with chemical symbol *Cl*. What am I?

A. CHLORINE

30-POINT OPEN QUESTION – MATH

38. What is the solution to the equation: $x^2 - 31x + 30$?

A. 30 AND 1

39. State the value of *y* for this system of equations: $(2x + 5y = 16)$. $(2x + 4y = 13)$

A. $Y = 3$

40. What is the largest prime number less than 40?

A. 37

30-POINT OPEN QUESTION – COMPUTERS

41. Windows XP and Windows 7 are examples of what?

A. OPERATING SYSTEMS

42. Who devised the first web browser?

A. TIM BERNERS-LEE

43. In what city was the idea for the World Wide Web conceived?

A. GENEVA

40-POINT OPEN QUESTION – FAMOUS WOMEN

44. What queen of Egypt was the last ruler of the Ptolemaic dynasty?

A. CLEOPATRA (VII – number not necessary)

45. Who, in 1947, became the first prime minister of the newly independent India?

A. JAWAHARLAL NEHRU

46. In which country did Isabel Peron become the first female president?

A. ARGENTINA

47. What was the name of the Hollywood starlet who married Prince Rainier III and became the Princess of Monaco?

A. GRACE KELLY

20-POINT OPEN QUESTION – COMPOSERS

48. Name the Czech composer who wrote the “New World Symphony” in the United States in 1893.

A. ANTONIN DVORAK

49. Name Norway’s best-known composer who wrote the “Peer Gynt Suite” in the late nineteenth century.

A. EDVARD GRIEG

40-POINT TEAM QUESTION

In this two-part TEAM QUESTION, whichever team is first to answer correctly the ten-point SCRAMBLE QUESTION in PART ONE, is then eligible for the remaining ten-point questions in PART TWO.

PART ONE: Scramble for ten points.

50. What is the name of the listing of chemical symbols corresponding to 118 elements?

A. PERIODIC TABLE (OF THE ELEMENTS)

PART TWO: The answers to the remaining questions deal with the Periodic Table of the Elements
SCORE TEN POINTS FOR EACH CORRECT ANSWER

51. Which Russian chemist stated in 1869 that the properties of the elements are a periodic function of their atomic masses?

A. DMITRI MENDELEYEV

52. What are the period 6 elements called?

A. LANTHANIDES

53. What period of elements ends with argon?

A. PERIOD 3

60-POINT CHAIN SNAPPERS

54. What Canadian World War One officer wrote the poem “In Flanders Fields”?

A. JOHN MCCRAE

55. John McCrae was a native of what southern Ontario city well known for its historic agricultural college?

A. GUELPH

56. Guelph, Ontario was also the hometown of painter A.J. Casson, a later member of what famous Canadian artistic collective?

A. GROUP OF SEVEN

57. The Group of Seven were anticipated in the paintings of what influential early 20th century artist born near Claremont, Ontario in 1877?

A. TOM THOMSON

58. Tom Thomson died mysteriously in a canoeing mishap in what major Ontario provincial park?

A. ALGONQUIN PROVINCIAL PARK

59. Algonquin Provincial Park is the home to an innovative research centre which studies a species of what wild canine with a distinctive howl?

A. THE (EASTERN) WOLF

ONE-MINUTE BREAK TO ROUND THREE

40-POINT SNAPSTART TO ROUND THREE

60. What is the name of the cylindrical tube which extends from the lower portion of the human larynx?

A. TRACHEA

61. At 668 kilometres, what is Italy's longest river?

A. PO

62. The human metabolic rhythm, usually coincident with the 24-hour day, is known by what name?

A. CIRCADIAN

63. Beginning with the letter "P", what instrument is designed for sighting objects from a place from which they would not be visible without optical means?

A. PERISCOPE

30-POINT OPEN QUESTION – CAPITALS

64. Natives of what country call their capital "Wien" (pronounced: Veen)?

A. AUSTRIA (Wien is Vienna, in German)

65. What is the only American state capital that has three words in its name?

A. SALT LAKE CITY (Utah)

66. What populous country's capital was once called Shahjahanabad?

A. INDIA'S (Shahjahanabad is New Delhi)

40-POINT TEAM QUESTION

In this two-part TEAM QUESTION, whichever team is first to answer correctly the ten-point SCRAMBLE QUESTION in PART ONE, is then eligible for the remaining ten-point questions in PART TWO.

PART ONE: Scramble for ten points.

67. Neil Armstrong was the first human to walk on what sphere?

A. THE MOON

SCORE TEN POINTS FOR EACH CORRECT ANSWER

PART TWO: The remaining questions deal with the Moon.

68. What NASA project first provided evidence that suggested there was water on the Moon?
A. CLEMENTINE (official name: DSPSE, Deep Space Program Science Experiment)
69. What global aquatic occurrence is a direct result of the Moon's gravitational pull?
A. (OCEAN) TIDES
70. What type of eclipse occurs when the Moon is in the Earth's shadow?
A. LUNAR ECLIPSE

30-POINT OPEN QUESTION – ARTISTS

71. An exponent of Fauvism, what French artist, born in 1869, used colour in bold patterns and different sorts of expressive abstraction?
A. HENRI MATISSE
72. Which Greek painter is famous for his elongated figures, painted in Spain?
A. EL GRECO
73. Trained by Pieter Lastman, which 17th century Dutch artist produced 600 paintings, 300 etchings, and nearly 2000 drawings?
A. REMBRANDT

40-POINT WHO AM I? QUESTION

74. This question is worth 40 points if you guess the answer on the first clue and 10 points less with each succeeding clue, until either team answers the question correctly.

CLUE A: I was born during the 1260s in Florence, Italy. WHO AM I?

CLUE B: Although I was a student of theology and philosophy, my most famous contribution came in the form of literature. WHO AM I?

CLUE C: I explored the themes of sin, evil, goodness, and redemption in many of my works. WHO AM I?

CLUE D: My most famous writing is the "Divine Comedy". WHO AM I?

- A. I AM DANTE ALIGHIERI (ALSO ACCEPT DANTE)

110-POINT SNAPOUT TO FINISH THE GAME

75. What Christmas carol was first sung in Oberdorf, Austria on December 24, 1818?
A. "SILENT NIGHT"
76. The Bluenose is a famous example of what type of a sailing ship that has two or more masts and is fore and aft rigged?
A. SCHOONER
77. What Canadian author wrote "The Medium is the Massage: An Inventory of Effects"?
A. (HERBERT) MARSHALL McLuhan

- 78. Which European country contains the province of Lombardy?
A. ITALY
- 79. What term, beginning with the letter “V”, denotes a sensation of dizziness or of giddiness?
A. VERTIGO
- 80. Which Laura Ingalls Wilder novel focuses on the childhood of her husband, Almanzo Wilder?
A. FARMER BOY
- 81. Who was the composer of the Italian opera “Il Trovatore”?
A. VERDI
- 82. As applied to wine, what does the word “brut” mean?
A. DRY
- 83. In the world of Charles Dickens, Betsey Trotwood was great-aunt to what title character?
A. DAVID COPPERFIELD
- 84. What is the capital of Egypt?
A. CAIRO
- 85. What is the smallest division of the animal kingdom that is reflected in an animal’s two-word scientific name?
A. SPECIES
- 86. Which major European city is divided into 20 “Arrondissements” (AR-ON-DEE-SE-MON-T)?
A. PARIS

END OF GAME

TIE-BREAKERS IF NECESSARY

- 1. What great Dutch painter died in France, at the end of July, 1890?
A. VINCENT VAN GOGH
- 2. Which Canadian author won the Governor General’s Award for Fiction with his novel “The Wars”?
A. TIMOTHY FINDLEY
- 3. What is the cube root of 216?
A. 6
- 4. What term means to compose or arrange music for performance by an orchestra?
A. ORCHESTRATE

