

FROSHMORE HFA 23-24

Round Two

Read only for Round Two

Officials Checklist and reminders:

- 1.) Review this checklist and reminders document and the rules flow chart. _____
- 2.) Pencils and fresh scratch paper for each participant _____
- 3.) Timer instructions _____
- 4.) Identify the head coach for each team. _____
- 5.) Identify the team captain. _____
- 6.) Review the pumpnickel rule _____

Accept only the answer to the bonus question that comes from the captain.

The captain may defer to another team member to give the answer to the bonus question.

If you want them to indicate a deferral in a specific way – tell them at the beginning of the match. “If you are going to defer on a bonus question, please do so by”

Coaches may use an ipad or table to keep score (I've sent out an excel score sheet) They may not use their ipad, phone or other technology to look up answers, send or received text messages or emails or to make calls during competition.

Before you begin, remind students that on a toss-up question they must buzz-in and be recognized before giving the answer and that they may NOT confer on a toss-up. You may only confer on a bonus question.”

When you read a toss-up question – identify the subject, then read the question.

If the team member buzzes-in before the question is completed and the answer is incorrect, say ‘incorrect, I will finish the question’ then finish reading the question.

If you have finished reading the question when the first team buzzes-in and gives an incorrect response say ‘incorrect,’ look at the second team call them by team name and say ‘_____ I have finished the question’

If the time has expired, their response should be to immediately buzz-in to be recognized. If there is still time (5 seconds for a regular question 15 on a math computation) they have the remaining time to buzz.

If the toss-up question is not answered correctly by either team, give the correct answer. Do NOT read the bonus question, go on to the next toss-up. **If you need a replacement question for this subject, you may use the unused bonus.**

The first time you read a bonus question for each team say ‘Here is your bonus question, you do not need to buzz-in. Remember you may confer on this question, and I will take the answer from the team captain.’

There is NOT a penalty for buzzing during a bonus question.

When the time for conferring has expired (10 seconds – 15 on math or science computation) **call for the answer.** Say, ‘Captain?’ or ‘answer please’ (or something similar). If they do not give you an immediate answer say ‘time’ and give the correct answer.

There is no limit to the number of team members a team substitutes.

On a toss-up question, do not give the correct response until you have given both teams an opportunity to answer the question.

Leading articles such as “the,” “an,” and “a” are not required (e.g., Tale of Two Cities is an acceptable answer for The Tale of Two Cities). However, if an article is given, it must be the correct one.

Plural/Singular answers are acceptable unless otherwise delineated.

Last names are acceptable, except where there is more than one common person in the same field.

Prompt for more information by saying – ‘more’ or ‘more specific’.

Questions requiring additional computation time (15 seconds) have computation in the subject line - MATH COMPUTATION: or SCIENCE COMPUTATION: or BONUS COMPUTATION: (If it needs it and we forgot it, add it!)

Math or Science questions that do not require computation and receive regular question time (5 for toss-up and 10 for bonus) do not have computation in the subject line - MATH: or SCIENCE: or BONUS

Explain the addition of the word Computation to the timer and the team at the beginning of the tournament. After the first question containing COMPUTATION: You may choose to say only Computation if you wish.

Give your stall count before the game starts. A stall count is the amount of time allowed for the student to begin their answer once you've called on them. "My stall count is _ _ _." Fill in the blanks with your count. Do you count 1, 2, stall? 1, 2, 3, stall? Do you say stall on the upbeat of the 3rd second or the downbeat? My preference is you count 1(1001), 2(1002), 3(1003) with stall being called on the downbeat of 3. (Down beat being the end of the 1003 with 100stall. You do not have to say the 1000 or the second 1, 2 or 3 out loud. You do need to make some type of physical indication - head nod, hand count (like a basketball referee counting the backcourt) even a foot tap. But do something so the student can see the seconds slipping away. This also helps with consistency. Neither team can say the other team received more time before a stall was called. When an immediate answer is expected 1 second is adequate time to allow before a stall is called.

"Welcome to Round One of the tournament. I am _____, your moderator. (if you have a judge, timer and scorekeeper, introduce them as well) Our two teams are _____ and _____. Head coaches, will you please stand. A protest may be lodged only by the head coach." (run a buzzer check) "Students, remember, you may not give an answer until you are recognized. If you do so, it will be ruled as an incorrect response, even if your answer is correct. Explain the timing for Math or Science Computation: (see instructions) Good sportsmanship is expected from **all** players, substitutes, coaches, spectators and parents. Except for using the excel spreadsheet to keep score, you may not use computers, smart phones, iPad, etc. during the competition. Turn off all and put away all electronics at this time. (pause) Are there any questions? Let's begin."

- _____ 1. MATHEMATICS COMPUTATION: The radius of the base of a right circular cylinder is 5 and the height of the cylinder is 10. What is the volume of the cylinder in terms of pi?

ANSWER: **250π**

BONUS BONUS COMPUTATION: The volume of a right circular cone is 9π . If the radius and the height are equal in length, what is the length of the radius?

ANSWER: **3**

- _____ 2. HUMANITIES: **A folk song from this country describes a man being sent to Australia for "stealing Travelyan's corn." Another folk song from this country repeats the phrase * "Alive! Alive! Oh!" "The Fields of Athenry" and "Molly Malone" are folk songs from what country where they are part of the folk music canon alongside "The Rocky Road to Dublin?"**

ANSWER: (Republic of) **Ireland**

BONUS BONUS: The young man in "Fields of Athenry" is sent to what specific bay, which was named for the high number of unique plants found there?

ANSWER: **Botany** (Bay)

- _____ 3. SCIENCE: **Scrimshaw is an art form of engraving often done on this material.*** Scrimshaw was often done by whalers who took this material from whale teeth or walrus tusks. What material is now restricted in use and trade?

ANSWER: **Ivory**

BONUS BONUS: Samples of scrimshaw can be seen at the whaling museum on this Massachusetts island famous as a tourist destination and summer home for the rich. What is this island with a whale in both its seal and flag?

ANSWER: **Nantucket**

- _____ 4. FINE ARTS: **This artist of *Judith with the Head of Holofernes* painted another portrait which is called his "woman in gold," and depicts * Adele Bloch-Bauer. *The Kiss* is a painting by what artist who frequently used gold leaf in his works?**

ANSWER: (Gustav) **Klimt**

BONUS BONUS: Klimt was a prominent artist in the "Secession" movement of what Austrian city?

ANSWER: **Vienna**

- _____ 5. CURRENT EVENTS/POP CULTURE: **Her three decades in the Senate made her the longest-serving*** female US senator in history. She died at the age of 90 in 2023. Name the California Democrat who was a former mayor of San Francisco.

ANSWER: **Dianne Feinstein**

BONUS BONUS: The governor of California is responsible for appointing her replacement. Who is he?

ANSWER: **Gavin Newsom**

- _____ 6. SOCIAL STUDIES: **This man shouted, “Come on then, you wolverines!” while leading a charge of the Seventh Michigan Cavalry at Gettysburg. At another battle, this man was killed after *** Marcus Reno decided to hold position. Who is this American cavalry commander who was killed at the Battle of the Little Bighorn?

ANSWER: (George Armstrong) **Custer**

BONUS BONUS: What man led the Lakota during the Battle of the Little Bighorn? He was later killed by federal agents at the Standing Rock Reservation.

ANSWER: **Sitting Bull**

END OF FIRST QUARTER

The score at the end of the first quarter is
Team one _____ Team two _____

Are there any questions?

(pause and look at the coaches if there are no protests proceed)

"Coaches... you may substitute if you wish."

- _____ 7. LITERATURE: **He’s considered to be the founder of modern Russian*** literature. Most say he’s the greatest Russian poet. Name the man whose masterpiece was *Eugene Onegin*.

ANSWER: **Alexander Pushkin**

BONUS BONUS: Pushkin was born into the Russian nobility in which Russian city?

ANSWER: **Moscow**

- _____ 8. HUMANITIES: **This man’s final request was for his body to be stuffed and displayed as an auto-icon. This philosopher designed a circular prison called the *** Panopticon. Who is this philosopher who developed the Felicific Calculus and the axiom, “The greatest happiness for the greatest number?”

ANSWER: (Jeremy) **Bentham**

BONUS BONUS: “The greatest happiness for the greatest number,” is the fundamental axiom of what philosophical approach championed by Bentham and John Stuart Mill?

ANSWER: **Utilitarianism**

_____ 9. MATHEMATICS COMPUTATION: Solve for x: $x^2 - 10x = 24$

ANSWER: (x =) **12, -2** [twelve; negative two Must have both answers]

BONUS BONUS COMPUTATION: Solve for x: $x^3 - x^2 - 16x + 16 = 0$

ANSWER: (x =) **1, 4, -4** [one, four, negative four Must have all three answers]

_____ 10. SCIENCE: **Théodore Géricault painted "The Raft of the BLANK"*** about the wreck of a French Frigate by this name which is also the proper name of one of the gorgons. What is this term for the adult form of a jellyfish?

ANSWER: Medusa

BONUS BONUS: This is the larval form of some jellyfish. In medicine it refers to an outgrowth of cells from another structure. What is this term?

ANSWER: Polyp

_____ 11. HUMANITIES: **This poet attacked the political philosophy of Thomas Jefferson in "The Embargo." This poet was inspired by a bird on the horizon to write "To a Waterfowl."** Who is this American poet who wrote the consideration of death, "Thanatopsis"?

ANSWER: (William Cullen) Bryant

BONUS BONUS: Bryant is frequently grouped with what group of American poets who wrote popular poetry, often with domestic themes, and which included Longfellow and John Greenleaf Whittier?

ANSWER: Fireside (Poets) [also accept Schoolroom Poets or Household Poets]

_____ 12. SOCIAL STUDIES: **During the reign of this monarch, her country had its first Jewish Prime Minister. William Gladstone feuded with * Benjamin Disraeli during the reign of this monarch, who was married to Prince Albert. Who is this monarch, the British queen during most of the 19th century?**

ANSWER: (Queen) Victoria

BONUS BONUS: Benjamin Disraeli served as leader of what political party during which time he became Britain's first Jewish Prime Minister?

ANSWER: Conservative (Party) [also accept Tories]

END OF FIRST HALF

The score at the end of the first half is

Team one _____ Team two _____

Are there any questions?

(pause and look at the coaches if there are no protests proceed)

"Coaches... you may substitute if you wish."

_____ 13. MATHEMATICS: What is the name for logarithms that have a base of ten?

ANSWER: **Common** (logarithms or logs)

BONUS BONUS: Given a common logarithm of 2.3456; the number two is called a characteristic. What is the term for the number .3456?

ANSWER: **Mantissa**

_____ 14. FINE ARTS: **This artist began writing sonnets to accompany his paintings beginning with his *The Girlhood of Mary Virgin*. This artist collaborated with * William Holman Hunt and John Everett Millais to found an artistic movement with a goal of heightened detail. *Proserpine* is a work by what artist who co-founded the Pre-Raphaelite Brotherhood?**

ANSWER: (Dante Gabriel) **Rossetti**

BONUS BONUS: Dante Gabriel Rossetti also drew the illustrations for what poem written by his sister Christina about grotesque merchants?

ANSWER: **Goblin Market**

_____ 15. SCIENCE: **While it did not actually use this phrase, the 1952 short story "A Sound of Thunder" by Ray Bradbury did use the animal in it.*** Twenty years later Edward Lorenz popularized this phrase to stand for the idea that a minor variation could result in vastly different results over time. In 2004 it was a time travel movie. What is this phrase about members of the order Lepidoptera?

ANSWER: **Butterfly Effect**

BONUS BONUS: The Butterfly Effect is a concept in this is a field of study in SCIENCE and math that studies systems where minor variations in the starting conditions and large numbers of variables result in large differences in later conditions that cannot be predicted. Name this field of study that was given a shout out by Dr. Ian Malcolm in the movie Jurassic Park.

ANSWER: **Chaos Theory**

_____ 16. CURRENT EVENTS/POP CULTURE: **The latest search for remains of victims from this attack ended with 59 graves found and seven sets of remains exhumed.*** It was the third such excavation in the search for the remains of people killed in the 1921 event. Name the incident where more than 1,000 homes were burned and up to 300 people died.

ANSWER: **Tulsa Race Massacre**

BONUS BONUS: The three known living survivors are seeking this from the city of Tulsa. What is the term for compensation given for an abuse or injury?

ANSWER: **reparations**

- _____ 17. LITERATURE: **This memoir was first published in Yiddish.*** It tells the story of a boy who becomes prisoner A-7713. Name this book that describes the author's year in Nazi concentration camps.

ANSWER: **Night**

BONUS BONUS: Who is the author of *Night*?

ANSWER: **Elie Wiesel**

- _____ 18. HUMANITIES: **This author of “Dr. Heidegger’s Experiment” wrote about an article of clothing worn by Thomas Hooper in another short story. A novel by this author includes an affair between * Arthur Dimmesdale and Hester Prynne.** “The Minister’s Black Veil” and *The Scarlet Letter* are works by what American author?

ANSWER: (Nathaniel) **Hawthorne**

BONUS BONUS: A year after *The Scarlet Letter*, Hawthorne released what novel about the Pyncheon family?

ANSWER: **House of the Seven Gables** (: A Romance)

END OF THIRD QUARTER

The score at the end of the third quarter is
Team one _____ Team two _____

Are there any questions?

(pause and look at the coaches if there are no protests proceed)

"Coaches... you may substitute if you wish.

- _____ 19. SOCIAL STUDIES: A “war” fought over this good during the American Revolution saw **Cornwallis order the burning of ships. This good was brought during the Third Supply to * Jamestown by John Rolfe.** What is this cash crop, used to make cigars and cigarettes?

ANSWER: **Tobacco**

BONUS BONUS: A “Counterblaste” against the tobacco trade was written by what English king who ordered a famous English translation of the bible?

ANSWER: **James I** (of England) [also accept James VI of Scotland; prompt on James]

- _____ 20. MATHEMATICS COMPUTATION: Paul wanted a new suit and found one at Suits-R-Us for \$300. He only wanted to pay \$225, though, so what percent discount would he need to be able to buy the suit if taxes were not figured in?

ANSWER: 25 (%)

BONUS BONUS COMPUTATION: With the sale price of \$225, Paul had to pay a sales tax of 10%, and then gave the sales clerk three one hundred dollar bills. How much change did he receive?

ANSWER: **\$52.50**

- _____ 21. FINE ARTS: **This artist painted works for the Contarelli Chapel before he was forced to flee Rome. This artist painted a group of tax collectors illuminated by a shaft of *** light in another work. What pioneer of Chiaroscuro painted *The Calling of Saint Matthew*?

ANSWER: (Michelangelo Merisi da) Caravaggio [do NOT accept or prompt on Michelangelo]

- BONUS BONUS: What other painting by Caravaggio depicts a character from Greek mythology looking at his own reflection?

ANSWER: Narcissus

- _____ 22. SOCIAL STUDIES: **A decree made as part of this period was formally revoked by the Second Vatican Council. The Alhambra Decree expelled *** Jews from the country at the center of this period. Tomas de Torquemada was a leader of what period in which non-Christians were tortured and forced to convert in a country governed from Madrid?

ANSWER: Spanish Inquisition

- BONUS BONUS: The Alhambra Decree was issued by what co-monarchs of Spain in 1492?

ANSWER: Ferdinand (II of Aragon) and Isabella (I of Castille) [accept names in either order]

- _____ 23. SCIENCE: **Mathew Brady, Dortehea Lange, and Anne Leibowitz are all famous for using this device.*** The oldest were less sensitive and required long exposure times. Most now use a charge-coupled device, or CCD, light sensor. What is this device used by to capture events for posterity?

ANSWER: Camera

- BONUS BONUS: This simple camera uses a pinhole to produce an image and has been used by artists to create an image to work from to make a traditional painting. What is the Latin two-word name for this pinhole camera?

ANSWER: Camera Obscura

- _____ 24. LITERATURE: **His best known poem was *Thanatopsis*.*** Born in Massachusetts, he started his career as a lawyer but showed an interest in poetry early in his life. Name the American poet and journalist who was a Puritan.

ANSWER: William Cullen Bryant

- BONUS BONUS: For which newspaper did Bryant serve as editor?

ANSWER: New York Evening Post

END OF GAME

The score at the end of the game is

Team one _____

Team two _____

If there is a tie allow for substitution before you ask the tie-breaker questions.

Tie Breakers

FINE ARTS: What French sculptor created *The Burghers of Calais*, *The Gates of Hell*, and *The Thinker*?

ANSWER: (Auguste) **Rodin** [pronounced Roh-DAN]

HUMANITIES: *I am a Cat*, *Kokoro*, and *Botchan* are all works by what Japanese author?

ANSWER: (Natsume) **Soseki** [accept names in either order, but Soseki is required]

FINE ARTS: The poem, "The New Colossus" by Emma Lazarus appears on what sculpture by Frederic Bartholdi?

ANSWER: **Statue of Liberty** [also accept Liberty Enlightening the World]

LITERATURE: Who wrote *The Giver* series?

ANSWER: **Lois Lowry**

FINE ARTS: Famous buildings in what city include the guitar inspired Museum of Pop Culture, and The Space Needle?

ANSWER: **Seattle**

Are there any questions? (pause and look at the coaches if there are no protests proceed)
This ends the game. "