

FROSHMORE HFA 23-24

# Round One

Read only for Round One

## 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. LITERATURE: **He wrote a monumental cycle of twenty novels about Parisian\* society during the French Second Empire. He was a French novelist, journalist, and playwright. Name the man who was the founder of the Naturalist movement.**

ANSWER: **Emile Zola**

BONUS BONUS: The thirteenth novel in the 20-volume series was Zola's most famous work. What was it called?

ANSWER: ***Germinal***

- \_\_\_\_\_ 2. HUMANITIES: **Shahid is the term used to describe Muslims and Sikhs with this quality. 26 people with this quality are venerated in Nagasaki near the site of their \* execution. Stephen and Sebastian are notable examples in Christianity of people with what quality, acquired when they were executed for their religious beliefs?**

ANSWER: **Martyr** [also accept word forms like Martyrdom]

BONUS BONUS: What Catholic saint and author of *Utopia* was martyred for refusing to acknowledge Henry VIII as the head of the Church of England?

ANSWER: (Thomas) **More**

- \_\_\_\_\_ 3. SOCIAL STUDIES: **An empire in what is now this country won the Kalinga War, after which its leader denounced violence. Another empire in this country was founded by Babar and later led by \* Akbar and Aurangzeb. The Mughal Empire was located in what modern-day country?**

ANSWER: (Republic of) **India**

BONUS BONUS: What Mughal emperor ordered the construction of the Taj Mahal?

ANSWER: **Shah Jahan** (I)

- \_\_\_\_\_ 4. CURRENT EVENTS/POP CULTURE: **More than 35,000 people registered to vote after she posted a video\* on social media. The singer posted an Instagram story urging her 272 million followers to register to vote. Name the star known for breaking music records and selling out stadiums in seconds.**

ANSWER: **Taylor Swift**

BONUS BONUS: Swift has talked about politics with her fans since 2018. She also protested whose death in 2020?

ANSWER: **George Floyd**

\_\_\_\_\_ 5. MATHEMATICS: If two lines meet to form right angles, the lines are said to be what?

ANSWER: (They are) **Perpendicular**

BONUS BONUS: What is the two word description of the slopes of two perpendicular lines?

ANSWER: (They are) **Negative Reciprocals**

\_\_\_\_\_ 6. FINE ARTS: **This architect's Beekman Tower was built 1 foot taller than the Trump World Tower. This architect also designed the \*** Museum of Pop Culture and the Walt Disney Concert Hall. What Canadian-born American architect designed the Guggenheim Museum in Bilbao?

ANSWER: (Frank) Gehry

BONUS BONUS: Another building designed by Gehry is the Dancing House in what European city?

ANSWER: Prague

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: **Similar to metaphor, it works to engage the reader by helping them relate to the story and empathize\*** with the characters. It allows for creative and colorful ways for writers and speakers to express their point of view. What is the figure of speech that involves giving human qualities, attributes, emotions, and perspectives to inanimate objects.

ANSWER: personification

BONUS BONUS: Name the Mother Goose rhyme that uses personification in the line, "the little dog laughed to see such sport and the dish ran away with the spoon".

ANSWER: Hey Diddle, Diddle

\_\_\_\_\_ 8. SCIENCE: **When a string vibrates it produces sound waves and when it vibrates in place with three nodes, it produces a tone known by this name.\*** It is vibrating at a frequency that is a multiple of the fundamental frequency. What is the name for this resonant frequency above the fundamental frequency?

ANSWER: Fourth Overtone [ also accept Fourth harmonic or Forth Partial ]

BONUS BONUS: Many stringed instruments include this, a hollow chamber that amplifies the sound and causes interference with reflected waves. What is this chamber in musical instruments called?

ANSWER: Resonator

- \_\_\_\_\_ 9. HUMANITIES: **The 1971 Ibrox Disaster occurred at one of these places. Another human crush at one of these places resulted in 97 deaths and is known as the \* Hillsborough Disaster.** Wembley and Lusail are examples of what places where teams like FC Barcelona and Manchester United play games?

ANSWER: Soccer Stadiums [prompt on Stadiums; accept Association Football Stadiums, but do NOT accept Football Stadiums]

BONUS BONUS: Hillsborough Disaster memorials often include the singing of what Liverpool team song; a Rodgers and Hammerstein show tune which includes the line "Walk on with hope in your heart?"

ANSWER: You'll Never Walk Alone

- \_\_\_\_\_ 10. MATHEMATICS COMPUTATION: How many distinguishable permutations are there of the letters in the word BANANA?

ANSWER: **60** [6 factorial divided by 3 factorial 2 factorial,  $6!/(3!2!) = 720/12$ ]

BONUS BONUS COMPUTATION: Simplify the expression:  $6! 10! / (8!)^2$   
[READ: Six factorial ten factorial over eight factorial squared]

ANSWER: **45/28 OR 1 17/28**

- \_\_\_\_\_ 11. FINE ARTS: **A man plans his suicide in the film *A Taste of Cherry* from this country. The Mahkmalbafs are a father and daughter duo of directors from this country, the home to \* Abbas Kiarostami.** Jafar Panahi's *This is Not A Film* was made in what country in response to censorship from the Ayatollah's regime in Tehran?

ANSWER: (Islamic Republic of) Iran

BONUS BONUS: Samira Makhmalbaf's film *Blackboards* follows Kurdish refugees who originally held what profession, which they continue to practice during their escape?

ANSWER: Teaching [accept any obvious equivalents]

- \_\_\_\_\_ 12. SOCIAL STUDIES: **The Bay of Plenty in this country was a site of fighting during the Musket War. The Treaty of \* Waitangi** was signed by the Native inhabitants of this country. The Maori inhabit what country governed from Wellington?

ANSWER: New Zealand [also accept Aotearoa]

BONUS BONUS: What Dutch explorer, who names an island to the south of Australia, was the first to see and record New Zealand?

ANSWER: (Abel) Tasman

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. SCIENCE: **This informal three-word term refers to the west coasts of North and South America, the east coast of Asia, and the Pacific Islands north and east of Australia.\*** This area is associated with a large number of earthquakes and volcanoes. What is this area that is also the title of song by Johnny Cash?

ANSWER: **Ring of Fire**

- BONUS BONUS: The Ring of Fire is formed by a series of tectonic boundaries of this type. What type of tectonic boundary can be found along the west coast of North America?

ANSWER: **Subduction** (Zone)

- \_\_\_\_\_ 14. CURRENT EVENTS/POP CULTURE: **This singer was confirmed as the Super Bowl 2024\*** halftime show headliner. He is an eight-time Grammy Award winner with nine number one songs during his career. Name the American R & B star.

ANSWER: **Usher**

- BONUS BONUS: Where is the 2024 Super Bowl?

ANSWER: **Las Vegas**

- \_\_\_\_\_ 15. LITERATURE: **Starr Carter is the narrator in this novel by Angie\* Thomas.** Shortly after Starr reconnects with her childhood best friend, Khalil, he is killed by the police. Name this best-selling novel that was later optioned for film.

ANSWER: **The Hate U Give**

- BONUS BONUS: Thomas's second novel tells the story of a sixteen-year-old rapper named Bri who stumbles after she becomes famous. What is it called?

ANSWER: **On the Come Up**

- \_\_\_\_\_ 16. MATHEMATICS COMPUTATION: What percent of 80 is 36?

ANSWER: **45 (%)**

- BONUS BONUS COMPUTATION: What is 350 percent of 124?

ANSWER: **434**

- \_\_\_\_\_ 17. SCIENCE: **This type of particle was named for a line in James Joyce's "Finnegans Wake" calling for three of them for Muster Mark.\*** The most stable hadrons have three of these particles, each of which has a different color and two of the three share the same flavor. What is this particle type that group together to make hadrons?

ANSWER: **Quark**

- BONUS BONUS: These two lowest energy (and lowest mass) quarks group together to form proton and neutrons. What are the designations for these two flavors of quark?

ANSWER: **Up & Down**

18. HUMANITIES: **Eschatology is the study of this type of event. An event of this type in Hinduism begins when the final avatar of Vishnu comes to Earth, while another event of this type begins with the \* death of Baldr. Ragnarok and Armageddon are examples of what type of event?**

ANSWER: **End of the World** [also accept Apocalypse; prompt on Armageddon before it is read; accept other obvious equivalents]

- BONUS BONUS: The prediction of the End of the World in Christianity appears in what final book of the New Testament?

ANSWER: (Book of) **Revelation** [do NOT accept Revelations; also accept Revelation of John]

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 governor with this last name pushed for the creation of the Erie Canal which became known as his “ditch.” A presidential candidate with this last name served as Secretary of \* State during Barack Obama’s first term. What last name is shared by New York governor DeWitt, presidential candidate Hillary, and former president Bill?**

ANSWER: **Clinton**

- BONUS BONUS: Before becoming governor of New York, DeWitt Clinton held what municipal post which has been held by Bill de Blasio and is currently held by Eric Adams?

ANSWER: **Mayor of New York City** [prompt on partial answers]

20. LITERATURE: **It is attributed to a blind poet.\*** It has nearly 16,000 lines and is divided into 24 books. Name this poem by Homer that describes a series of disagreements between the leaders of the Greeks.

ANSWER: **The Iliad**

- BONUS BONUS: *The Iliad* examines a series of events near the very end of which decade-long war?

ANSWER: **Trojan War**

21. MATHEMATICS COMPUTATION: The ages of the workers in the office at Petrotech are 27, 31, 35, 55, 71, 42, 33, 51, 44, and 50. What is the median age of the workers?

ANSWER: **43**

- BONUS BONUS COMPUTATION: If the 71 year old employee at Petrotech retires and a 42 year old replaces him, what is the mean age of the employees?

ANSWER: **41**

- \_\_\_\_\_ 22. FINE ARTS: **A character in this opera sings about her love for her country in “O Patria Mia.” The high priest Ramfis condemns another character in this opera to death for his romance with an enslaved \* princess.** What is this opera by Verdi, in which the title Ethiopian Princess dies in the arms of her lover Radames?

ANSWER: **Aida**

BONUS BONUS: What other opera by Verdi follows the story of Alfredo and Violetta and whose name is Italian for “The Fallen Woman?”

ANSWER: **La Traviata**

- \_\_\_\_\_ 23. SOCIAL STUDIES: **After winning the Battle of the Hydaspes, this leader annexed the Punjab. This ruler may have been romantically involved with his friend Hephaestion and this ruler legendarily \* split the Gordian Knot.** Who is this king of Macedon who tamed the horse Bucephalus?

ANSWER: **Alexander the Great** [also accept Alexander III; prompt on Alexander]

BONUS BONUS: After Alexander the Great’s deathbed decree that his lands would be given “to the strongest” his generals engaged in what series of wars?

ANSWER: (Wars of the) **Diadochi**

- \_\_\_\_\_ 24. SCIENCE: **This structure inside of cells is the defining feature of eukaryotic cells.\*** It is set apart from the rest of the cell's contents by a membrane and contains the cells genetic information. What is this structure?

ANSWER: **Nucleus**

BONUS BONUS: This man, who was the first to discover microorganisms, was also the first to describe the nucleus. Who is this biologist who described a "lumen" inside of the red blood cells of salmon?

ANSWER: (Antonie van) **Leeuwenhoek** [Lay-when-hook]

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 composer wrote *Daphnis et Chloe* and *Bolero*?

ANSWER: (Maurice) **Ravel**

LITERATURE: It comes from the German word meaning “double-walker”. What is the term for a twin, usually in the form of an evil twin?

ANSWER: **doppelganger**

HUMANITIES: What Cynic philosopher entered the Academy holding a plucked chicken and said, “Behold Plato’s man!”

ANSWER: **Diogenes** (of Sinope)

HUMANITIES: What philosopher wrote *Das Kapital* and worked with Friedrich Engels to write *The Communist Manifesto*?

ANSWER: (Karl) **Marx**

HUMANITIES: What French thinker developed the theory of Positivism?

ANSWER: (Auguste) **Comte**

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