

NMMS (Northmont Middle School)
Round Three

Packets by: David Jones, Emily Bingham, Kara Combs

1. **This poet wrote about the title concept that “perches in the soul and sings the tune without words” in “Hope is the thing with feathers.” The narrator of another of this poet’s works notes that “the windows failed and then I could not see to see” after listening to the title insect. In another poem by this poet, the title figure “kindly stopped for me” in a carriage holding “immortality.” “I heard a fly buzz when I died” and “Because I could not stop for Death” are two of 1800 poems by what reclusive, female poet known as the Belle of Amherst?**

ANSWER: Emily Dickinson

BONUS: Answer the following about the first ten amendments to the US Constitution. For 10 points each:

[10] What three-word name is applied to the first ten amendments to the Constitution?

ANSWER: Bill of Rights

[10] What amendment to the Constitution states that individuals will not be forced to quarter troops in their homes?

ANSWER: 3rd Amendment

[10] Which amendment to the Constitution banned cruel and unusual punishment?

ANSWER: 8th Amendment

2. **Allotropes of this element include buckyballs and nanotubes and this element combines with iron to create steel. The most stable allotrope of this element is used in pencils while another allotrope of this element is the hardest known natural mineral. For 10 points, graphite and diamond are allotropes of what non-metal with atomic number 6 and symbol C?**

ANSWER: Carbon

BONUS: For 10 points each, answer the following art questions with a common link:

[10] “The Shooting Company of Frans Banninck Cocq” is the subtitle of what military painting by Rembrandt?

ANSWER: *The Night Watch*

[10] An ad for five cent Phillies cigars appears in what painting that features two men and a woman seated at a New York diner?

ANSWER: *Nighthawks*

[10] *Office at Night* and *Nighthawks* are paintings by what American artist?

ANSWER: Edward Hopper

3. **After a city in New Mexico with this name was attacked by Pancho Villa, the US Government sent John Pershing to Mexico to capture Villa. A man with this last name was born in Genoa and was commissioned by Ferdinand and Isabella to make a series of trips across the Atlantic. The Nina, Pinta, and Santa Maria are ships belonging to a man with what last name that is shared with the name of Ohio’s capital city?**

ANSWER: Columbus (accept “Christopher Columbus”)

BONUS: Given a description, identify the following diseases for 10 points each:

[10] A deficiency of the neurotransmitter, Acetylcholine, leads to what disease which is the most common form of dementia? Patients with this disease often suffer from memory loss.

ANSWER: Alzheimer's Disease

[10] What disease was the focus of the 2016 Ice Bucket Challenge? This disease, with a three-letter acronym, is commonly named for a former New York Yankee first baseman.

ANSWER: ALS or Lou Gehrig's Disease

[10] A lack of the neurotransmitter, Dopamine, can lead to what disease that is characterized by uncontrollable tremors?

ANSWER: Parkinson's Disease

4. In one novel, an animal of this type is saved from a brutal fight with Cherokee by Weedon Scott. In another novel, John Thornton is accompanied by Buck, who is this kind of animal, as he searches for gold in the Klondike. In addition to those protagonists of Jack London's *White Fang* and *The Call of the Wild*, another animal of this type is found by Opal Buloni at a grocery store for which she is named. The title character of *Because of Winn Dixie* is what kind of household pet?

ANSWER: dogs (accept wolf or wolfdog before "Buck")

BONUS: For 10 points, given a current NFL starting quarterback, identify the team for whom he plays.

[10] Cam Newton

ANSWER: Carolina Panthers (accept either underlined response)

[10] Jameis Winston

ANSWER: Tampa Bay Buccaneers (accept either underlined response)

[10] Aaron Rodgers

ANSWER: Green Bay Packers (accept either underlined response)

5. Cities located on this river include Evansville, Paducah and Wheeling. Tributaries of this river include the Wabash, Scioto, and Great Miami rivers. This river is formed from the confluence of the Allegheny and Monongahela Rivers and empties into the Mississippi River near Cairo, Illinois. Identify this river that begins in Pittsburgh and forms the southern border of Kentucky and its namesake state.

ANSWER: Ohio River

BONUS: Identify some literary prizes, for 10 points each.

[10] Ernest Hemingway, Alice Walker, and William Faulkner have all won what American award for fiction, named for a newspaper publisher?

ANSWER: Pulitzer Prize in Fiction

[10] The Association for Library Service to Children awards the Caldecott Medal and this other medal to works of children's literature.

ANSWER: Newbery Medal

[10] In 2016, Bob Dylan controversially won this prestigious international literary award given by the Swedish Academy.

ANSWER: Nobel Prize in Literature

6. **The cult of this god was centered at Abydos and this god is often depicted holding a crook and flail. This god was the son of Geb and Nut and is often depicted as a green-skinned mummy. After this god was killed by his brother Set, his body was cut into fourteen pieces and scattered throughout his country. Identify this husband of Isis who was the Egyptian god of the underworld.**

ANSWER: Osiris

BONUS: Identify the following metric prefixes for 10 points each:

[10] What metric prefix is equal to ten raised to the negative second power and is symbolized “c”? It’s namesake “meter” is commonly found on a ruler along with inches.

ANSWER: centi-

[10] What other metric prefix is equal to ten to the negative sixth power? A namesake “scope” can be used to observe very tiny objects.

ANSWER: micro-

[10] A capital “G” symbolizes what metric prefix equal to ten to the ninth power? This term is often used when talking about “bytes” and cellular data.

ANSWER: giga-

7. **This Roman emperor executed his tutor Seneca during the Pisonian Conspiracy, and he built a massive palace known as the “Domus Aurea.” This man murdered his wife Octavia in order to marry Poppaea, and the Year of the Four Emperors occurred after this man’s rule ended. For 10 points, the Vindex rebellion sought to overthrow what son of Agrippina the Younger who supposedly “fiddled while Rome burned?”**

ANSWER: Nero

BONUS: Identify some terms from economics, for 10 points each.

[10] This term refers to the amount of goods that consumers want to purchase. It is often contrasted with “supply.”

ANSWER: Demand

[10] This economic term is often paired with “goods.” Unlike goods, this term refers to intangible experiences, like haircuts, health care visits, or taxi rides.

ANSWER: Services

[10] This term refers to an extended period of economic downturn that is not as severe as a depression.

ANSWER: Recession

8. **When a number and its reciprocal undergo this mathematical operation, the answer is one, and this operation is performed on binomials using the “FOIL” method. When zero undergoes this operation with another number, the answer will always yield zero. This operation is often symbolized with an “x” or a dot. For 10 points, identify this operation that when performed on the numbers five and four yields twenty.**

ANSWER: Multiplication (Accept word variations including “times” until said)

BONUS: Identify some colors that appear in literary titles, for 10 points each.

[10] Stephen Crane wrote a Civil War novel titled for a “Badge of Courage” of this color, in reference to the soldier Henry Fleming’s wound sustained while fleeing battle.

ANSWER: red [accept *The **Red** Badge of Courage*]

[10] The first of Philip Pullman’s *His Dark Materials* series is named for a compass of this color, though a compass never appears in the book.

ANSWER: golden [accept *The **Golden** Compass* or *The **Golden** Compasses*]

[10] In a Crockett Johnson children’s book, the protagonist Harold draws an entire world with a crayon of this color. An Alice Walker novel about the life of Celie is also titled after this color.

ANSWER: purple [accept *Harold and the **Purple** Crayon* or *The Color **Purple***]

9. **The first successful transplant of this organ was conducted by South African surgeon Christiaan Barnard in 1967. This organ’s electrical pulses are evaluated by an EKG and it is surrounded by the pericardium.** This organ is divided in half by the left and right atrium and it is also divided into four chambers. For 10 points, what human organ pumps blood throughout the body?

ANSWER: Heart

BONUS: This man warned against the creation of factions in his farewell address. For 10 points each:

[10] Identify this man who served as the first US President.

ANSWER: George Washington

[10] Emanuel Leutze depicted Washington crossing what river prior to the Battle of Trenton? This river is named for a state with capital at Dover.

ANSWER: Delaware River

[10] After serving two terms as President, Washington went to live at what private residence that he had constructed in Virginia?

ANSWER: Mount Vernon

10. **This man was the husband of Khadijah and embarked on a notable hijra from Mecca to Medina. While praying in a cave on Mount Hira, this man was visited by the angel Gabriel.** A division exists within this man’s religion as to whether his rightful successor is Ali or Abu Bakr. For 10 points, identify this man who revealed the Qur’an, the central prophet of Islam.

ANSWER: Muhammad

BONUS: For 10 points each, answer these questions about a Greek goddess and her many loves.

[10] Roses and doves are sacred to what figure who is the Greek goddess of love?

ANSWER: Aphrodite

[10] Hephaestus trapped Aphrodite under a net with what other god with whom she was having an affair?

ANSWER: Ares

[10] Aphrodite fell in love with what figure, her son, before he was killed by a boar that was sent by Artemis?

ANSWER: Adonis

11. **This location is currently home to a retired ship where Japanese leaders surrendered in 1945, the *USS Missouri*. 1,177 people were killed when the *USS Arizona* exploded at this location following a 20th century attack. After that attack at this location, President Franklin D. Roosevelt stated that December 7, 1941 would be “a date which will live in infamy.”** For 10 points, Japanese bombers attacked what Hawaiian naval base during World War II?

ANSWER: Pearl Harbor

BONUS: Identify these saints, for 10 points each.

[10] What man, whose death was reported in Acts, is considered to be the first Christian martyr?

ANSWER: Stephen

[10] What Christian missionary is recognized today as the Patron Saint of Ireland?

ANSWER: Patrick

[10] What man who opposed the Roman emperor Diocletian is the Patron Saint of England and allegedly slew a dragon?

ANSWER: George

12. **These objects can originate in the Oort Cloud or the Kuiper Belt, and a coma surrounds the nucleus of these objects that also possess an ion, gas, and dust tail. These astronomical objects have highly elliptical orbits around the sun, and are nicknamed “dirty snowballs.”** For 10 points, identify these astronomical objects, the most famous of which is named for Edmond Halley.

ANSWER: Comets

BONUS: Identify the following Jewish holidays. For 10 points each:

[10] A Menorah is present during what eight-day holiday that normally occurs around the same time as Christmas?

ANSWER: Hanukkah

[10] Mazah, an unleavened bread, and bitter herbs are consumed during seder, which occurs on the first two days of what holiday that celebrates the Exodus from Egypt?

ANSWER: Passover or Pesach

[10] What holiday is celebrated on the first and second days of Tishrei and marks the beginning of the Jewish New Year?

ANSWER: Rosh Hashanah

13. **For being an excellent student, this character is invited to join the Slug Club and this character forms SPEW, or the Society for the Promotion of Elfish Welfare, after seeing some house elves abused. To protect them from Death Eaters, this character casts a memory charm that makes her parents believe they are the Wilkins's when they are actually muggle dentists.** For 10 points, identify this highly intelligent Hogwarts student and companion of Ron Weasley and Harry Potter?

ANSWER: Hermione Granger (accept either underlined response)

BONUS: Grigory Potemkin was this Russian tsar's friend and adviser. For 10 points each:

[10] What female "enlightened despot" of Russia put down Pugachev's Rebellion and was known as "the Great?"

ANSWER: Catherine II OR Catherine the Great

[10] Catherine the Great led one of three partitions of what country that later saw a ghetto uprising in its capital of Warsaw?

ANSWER: Poland

[10] Catherine's husband was the third tsar to what name? The most famous Russian Tsar of this name was known as "the Great" and won the Great Northern War against Sweden.

ANSWER: Peter

14. One sculpture by this artist was given nicknames such as "Pumpkin Head" and "Voldemort." This sculptor of *Zuccone* featured the Erasmus of Narni on horseback in his statue *Gattamelata*. In another sculpture by this man, the main subject wears only leg armor and a garland hat while standing on the head of Goliath. For ten points, a bronze-version of *David* was created by what Renaissance sculptor?

ANSWER: Donatello

BONUS: Identify the following temperature scales. For 10 points each:

[10] On what scale does water freeze at zero degrees and boil at one hundred degrees?

ANSWER: Celsius

[10] The United States and four other nations use what other temperature scale that sees water freeze at 32 degrees?

ANSWER: Fahrenheit

[10] Many scientific equations requires temperature to be in what SI unit of temperature that is symbolized "K?"

ANSWER: Kelvin

15. This actor plays Louise's boyfriend Foy in the movie *A Million Ways to Die in the West* and he plays the title character in *Dr. Horrible's Sing Along Blog*. This actor got his start playing a fourteen year old doctor on *Doogie Howser M.D.*. His best known role was playing a womanizer who was the friend of Ted Mosby. Identify this actor who played Barney Stinson on *How I Met Your Mother*.

ANSWER: Neil Patrick Harris

BONUS: After following a rabbit down a hole, this character finds a potion labeled "DRINK ME" and a cake labeled "EAT ME" which cause her to shrink and grow. For 10 points each:

[10] What character's other adventures include being directed to a riddle-filled tea party by a disappearing Cheshire Cat?

ANSWER: Alice

[10] *Alice's Adventures in Wonderland* was written by what English author, who also wrote "Jabberwocky"?

ANSWER: Lewis Carroll

[10] Alice is called to testify as a witness in a case against a knave who stole this character's cookies. This character screams "Off with her head!" when Alice declares that this character is just a playing card.

ANSWER: the Queen of Hearts

16. In a conversation with Nicodemus, Jesus compares the rise of the Son of the Man to a serpent which this man instructed his people to look at in order to cure them of snake bites. This man kept his hands raised during a battle with Amalekites in order to secure victory. Along with Elijah, this was the other prophet that came to earth during the Transfiguration. For 10 points, name this Old Testament prophet who received the Ten Commandments.

ANSWER: Moses

BONUS: Answer the following questions about art museums. For 10 points each:

[10] I. M. Pei designed a glass pyramid to serve as the entrance to what art museum in Paris, France?

ANSWER: Musee du Louvre

[10] *The Persistence of Memory* and *Starry Night* are currently housed in what Manhattan art museum that only contains art created in 1860 or later?

ANSWER: Museum of Modern Art or MOMA

[10] Charles III commissioned the Museo del Prado, which is located in what capital city of Spain?

ANSWER: Madrid

17. Hundreds of this type of poem dedicated to a woman named Laura were written by Petrarch, who names a type of this poetic form. One poem in this form claims that “I love thee to the depth and breadth and height my soul can reach.” That poem, “How Do I Love Thee?” appears in Elizabeth Barrett Browning’s collection titled for these poems *from the Portuguese*. For 10 points, a rhyming couplet typically ended Shakespeare’s version of what 14-line poems?

ANSWER: sonnets

BONUS: This war saw the battles of Poitiers and Crecy. For 10 points each:

[10] What European war lasted from 1337 until 1453 and is named for roughly how long the war lasted?

ANSWER: Hundred Years’ War

[10] After relieving the siege of Orleans during the Hundred Years War, what woman was burned at the stake for witchcraft?

ANSWER: Joan of Arc

[10] During the Battle of Agincourt, England made use of what weapon primarily used by archers?

ANSWER: Longbow (Accept “Bow and Arrow” but do not accept or prompt on any other specific bow types)

18. The coefficient of this force is symbolized by the lowercase Greek letter, mu, and this force is equal to its coefficient multiplied by the normal force. The “static” type of this force applies to an object before movement, and its coefficient is greater than the coefficient for the “kinetic” or “sliding” type of this force. For 10 points, identify this force that opposes motion.

ANSWER: Friction

BONUS: Identify some books from *Time Magazine's* list of the 100 Best Young Adult Novels of All Time, for 10 points each:

[10] In this Walter Dean Myers book, 16 year old Steve Harmon is cleared of charges related to the robbery and murder of Mr. Nesbitt. A state prosecutor labels Steve as the title insult during her opening statement.

ANSWER: Monster

[10] In this novel by S.E. Hinton, the Greasers, including Ponyboy, "rumble" with their rival gang, the Socs [so-shuz].

ANSWER: The Outsiders

[10] In this Markus Zusak novel, Liesel earns the title nickname when she takes *The Grave Digger's Handbook* as it is about to be destroyed by Nazis.

ANSWER: The Book Thief

19. In the aftermath of this event, Attorney General Elliot Richardson was fired during the bloodless Saturday Night Massacre which was carried out by Archibald Cox. Bob Woodward and Carl Bernstein broke this scandal in the *Washington Post* after receiving information from a source known as "Deep Throat". For 10 points, a break-in at a Washington DC hotel was the basis for what scandal that led to the resignation of Richard Nixon?

ANSWER: Watergate Scandal

BONUS: Identify the following mountain ranges, for 10 points each.

[10] Mont Blanc and the Matterhorn are located within what longest mountain range in Europe?

ANSWER: Alps

[10] Mount Mitchell is the highest point in what longest mountain range east of the Mississippi River that stretches from Alabama to Maine?

ANSWER: Appalachian Mountains

[10] Jebel Toubkal is the highest point in what north African mountain range that is named for a god who held the world on his shoulders?

ANSWER: Atlas Mountains

20. One player of this instrument recorded the song "Salt Peanuts" and played a "bent" version of this instrument. Another player of this instrument led his namesake "Hot Five" and recorded the hit song "Heebie Jeebies". A third player of this instrument drew on Iberian Folk music for his album, *Sketches of Spain*, and included the song, "So What?" on his album, *Kind of Blue*. For 10 points, Dizzy Gillespie, Louis Armstrong, and Miles Davis played what jazz instrument with three valves?

ANSWER: Trumpet

BONUS: Answer the following questions about the water cycle for 10 points each:

[10] During what stage of the water cycle does rain, snow, or hail fall from the clouds?

ANSWER: Precipitation

[10] Water vapor is changed into liquid water and forms clouds during what stage of the water cycle?

ANSWER: Condensation

[10] Water is released into the atmosphere from the leaves and stems of plants in what process of water movement?

ANSWER: Transpiration

TB: **Officer Krupke is a character in this musical that features a song in which one character is “loved by a pretty wonderful boy”. Other songs from this musical include “I Feel Pretty”, “America” and a song that repeats the name of the title figure 27 times, “Maria”. The Jets and the Sharks are rival gangs in, for 10 points, what musical by Leonard Bernstein that is a modern retelling of Romeo and Juliet?**

ANSWER: West Side Story