# Twelve 

Middle School Regional

November 22, 2014

## Presented By <br> North Carolina Association for Scholastic Activities

## Topic Assignments

Group A<br>1) Life Science<br>5) NC Colleges and Univ.<br>9) Arts / Media<br>Group C<br>3) Writing<br>7) US History<br>11) NC Government

## Group B <br> 2) World History <br> 6) Literature <br> 10) Earth Science

4) PE / Sports
5) Mathematics
6) Technology

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Group D
4) PE / Sports
8) Mathematics
12) Technology

9 Minutes Remaining

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2 Minutes Remaining

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## 12 Seconds Remaining

## Round 1: Life Science

> Group A Students are seated with line-up in hand.
> Round 1 will begin once all line-ups are collected.

School names are on the back of all scoresheets. Do not write your school name on the front.

## Round 1: Life Science

Question \#1:
Bacteriophages are examples of these organisms that attack bacteria. What class of infectious agents includes hepatitis B, HIV, and smallpox?

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Bacteriophages are examples of these organisms that attack bacteria. What class of infectious agents includes hepatitis B, HIV, and smallpox?

## Round 1: Life Science

## Question \#2: <br> What is the name for the class of vertebrates that usually have hair, feed milk to their young, and give live birth?

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## Question \#2: <br> What is the name for the class of vertebrates that usually have hair, feed milk to their young, and give live birth?

## Round 1: Life Science

## Question \#3: <br> Mutualism, commensualism, and parasitism are examples of what type of long term relationship between two species?

## Round 1: Life Science

## Question \#3: <br> Mutualism, commensualism, and parasitism are examples of what type of long term relationship between two species?

## Round 1: Life Science

## Question \#4: <br> Emphysema and pneumonia are diseases of what paired organ which is responsible for breathing?

## Round 1: Life Science

## Question \#4: <br> Emphysema and pneumonia are diseases of what paired organ which is responsible for breathing?

## Round 1: Life Science

## Question \#5: <br> In plants, the cell wall surrounds what surface that encloses the cell?

## Round 1: Life Science

## Question \#5: <br> In plants, the cell wall surrounds what surface that encloses the cell?

## Round 1: Life Science

## Question \#6: <br> What type of aquatic plant has "red" and "blue-green" varieties? They include seaweed.

## Round 1: Life Science

## Question \#6: <br> What type of aquatic plant has "red" and "blue-green" varieties? They include seaweed.

## Round 1: Life Science

Question \#7:
What observable characteristics of an organism are determined by the genotype?

## Round 1: Life Science

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What observable characteristics of an organism are determined by the genotype?

## Round 1: Life Science

## Question \#8: <br> Finger like protrusions called villi line what organ with "small" and "large" varieties that is important in nutrient absorption?

## Round 1: Life Science

## Question \#8: <br> Finger like protrusions called villi line what organ with "small" and "large" varieties that is important in nutrient absorption?

## Round 1: Life Science

## Question \#9: <br> Bees are lured to flowers by what sweet liquid produced by flowers that is the source of sugar for honey?

## Round 1: Life Science

## Question \#9: <br> Bees are lured to flowers by what sweet liquid produced by flowers that is the source of sugar for honey?

## Round 1: Life Science

## Question \#10:

What biological classification lies in between kingdom and class? In the kingdom animalia, examples of this group are chordata, arthropoda, and cnidaria.

## Round 1: Life Science

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What biological classification lies in between kingdom and class? In the kingdom animalia, examples of this group are chordata, arthropoda, and cnidaria.

## Round 1: Life Science

## Question \#11:

The Kakum National Park in Ghana and the Amazon are notable examples of what biome characterized by thick vegetation, high species diversity, and high levels of rainfall?

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## Question \#11:

The Kakum National Park in Ghana and the Amazon are notable examples of what biome characterized by thick vegetation, high species diversity, and high levels of rainfall?

## Round 1: Life Science

## Question \#12: <br> Females have two of what chromosome which males generally only have one of?

## Round 1: Life Science

## Question \#12: <br> Females have two of what chromosome which males generally only have one of?

## Round 1: Life Science

## Students have 3 minutes to complete their answer sheets.

## Round 1: Life Science

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 1: Life Science

## Students have 3 minutes to complete their answer sheets.

## Round 1: Life Science

## Students have 3 minutes to complete their answer sheets.

## Round 1: Life Science

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 1: Life Science

Answers for Life Science questions follow on next slide.

Advance once all answer sheets have been collected.

Group A Students may return to their team.

Group B Students may be seated.

## Round 1: Life Science

Answers

1) Viruses
2) Mammal
3) Symbiosis
4) Lungs
5) Cell Membrane [or Plasma Membrane]
6) Algae
7) Phenotypes
8) Intestine [accept Small Intestine or Large Intestine]
9) Nectar
10) Phylum
11) Tropical Rainforest
12) $X$ chromosome

## Round 2: World History

## Group B Students are seated and ready to begin.

## Round 2: World History

Question \#1:
The title "Empress of India" was given to what longest reigning monarch of England whose namesake period spanned most of the late 1800s?

## Round 2: World History

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The title "Empress of India" was given to what longest reigning monarch of England whose namesake period spanned most of the late 1800s?

## Round 2: World History

## Question \#2: <br> Ferdinand and Isabella, the rulers of Aragon and Castile, unified what modern day country?

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## Round 2: World History

Question \#3:
In 2009, Hermann de Rompuy became the first president of what organization with capital at Brussels that unites the countries on its namesake continent?

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In 2009, Hermann de Rompuy became the first president of what organization with capital at Brussels that unites the countries on its namesake continent?

## Round 2: World History

Question \#4:
What explorer who sought to reach the Spice Islands by traveling west died after a clash in the Philippines? He led the first expedition to circumnavigate the world.

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What explorer who sought to reach the Spice Islands by traveling west died after a clash in the Philippines? He led the first expedition to circumnavigate the world.

## Round 2: World History

## Question \#5: <br> What Frankish ruler who had his capital at Aachen was crowned the first Holy Roman Emperor by Leo III in 800?

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## Round 2: World History

## Question \#6: <br> What largest of the Nazi concentration camps had subcamps at Birkenau and Monowitz.

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## Round 2: World History

Question \#7:<br>The Pax Romana began under what first Roman emperor who was the adopted son of Julius Caesar?

## Round 2: World History

Question \#7:<br>The Pax Romana began under what first Roman emperor who was the adopted son of Julius Caesar?

## Round 2: World History

## Question \#8: <br> What Hindu leader of the Indian independence movement practiced ahimsa and satyagraha in advocating nonviolence?

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## Question \#8: <br> What Hindu leader of the Indian independence movement practiced ahimsa and satyagraha in advocating nonviolence?

## Round 2: World History

## Question \#9: <br> Kublai was the grandson of what great khan who unified the Mongols?

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## Round 2: World History

Question \#10:<br>Much of the sugar traded in the Triangular Exchange came from what island which would later be led by the Castro brothers?

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## Round 2: World History

## Question \#11: <br> What Andean empire was toppled by Spanish conquistadors led by Francisco Pizarro?

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## Question \#11: <br> What Andean empire was toppled by Spanish conquistadors led by Francisco Pizarro?

## Round 2: World History

## Question \#12:

Mansa Musa led what empire with capital at Timbuktu? In 2013, French forces intervened against Islamist fighters in a country with the same name as that empire and in the same place.

## Round 2: World History

## Question \#12:

Mansa Musa led what empire with capital at Timbuktu? In 2013, French forces intervened against Islamist fighters in a country with the same name as that empire and in the same place.

## Round 2: World History

## Students have 3 minutes to complete their answer sheets.

## Round 2: World History

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 2: World History

## Students have 3 minutes to complete their answer sheets.

## Round 2: World History

## Students have 3 minutes to complete their answer sheets.

## Round 2: World History

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 2: World History

Answers for World History questions follow on next slide.

Advance once all answer sheets have been collected.

Group B Students may return to their team.

Group C Students may be seated.

## Round 2: World History

Answers

1) Queen Victoria
2) Kingdom of Spain [or Reino de España]
3) European Union [or EU]
4) Ferdinand Magellan
5) Charlemagne [or Charles the Great or Carolus Magnus or Karl der Grose]
6) Auschwitz
7) Gaius Julius Caesar Augustus [or Gaius Octavius Thurinus; or Octavian; do not accept "Julius Caesar"]
8) Mohandas Karamchand Gandhi [or Mahatma Gandhi, or Bapu Gandhi]
9) Genghis Khan [or Chinghis Khan; or Temujin]
10) Cuba
11) Inca Empire [or Inka Empire]
12) Mali

## Round 3: Writing

## Group C Students are seated and ready to begin.

## Round 3: Writing

## Question \#1: <br> What literary term refers to the repetition of consonant sounds?

## Round 3: Writing

## Question \#1: <br> What literary term refers to the repetition of consonant sounds?

## Round 3: Writing

Question \#2:
What is the term for a verb used as a noun by putting "ing" at the end? An example is the word "Walking" in the phrase "Walking is fun."

## Round 3: Writing

Question \#2:
What is the term for a verb used as a noun by putting "ing" at the end? An example is the word "Walking" in the phrase "Walking is fun."

## Round 3: Writing

## Question \#3: <br> What term refers to a thought expressed in poetry as a pair of rhyming lines?

## Round 3: Writing

## Question \#3: <br> What term refers to a thought expressed in poetry as a pair of rhyming lines?

## Round 3: Writing

Question \#4:
What part of speech refers to a person, place, or thing? These parts of speech can be subjects or objects.

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What part of speech refers to a person, place, or thing? These parts of speech can be subjects or objects.

## Round 3: Writing

## Question \#5: <br> What literary term refers to a long speech in a play where a character expresses his feelings, often to another character? This is different from a soliloquy or aside.

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## Question \#5: <br> What literary term refers to a long speech in a play where a character expresses his feelings, often to another character? This is different from a soliloquy or aside.

## Round 3: Writing

## Question \#6:

What grammatical term refers to when something happens? In English, these include "past," "present," and "past perfect."

## Round 3: Writing

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What grammatical term refers to when something happens? In English, these include "past," "present," and "past perfect."

## Round 3: Writing

Question \#7:
What is the term for a part of a story in which something from the past is portrayed? For example, in a movie, this
could refer to a scene from a
character's childhood that interrupts a scene set in the present.

## Round 3: Writing

Question \#7:
What is the term for a part of a story in which something from the past is portrayed? For example, in a movie, this
could refer to a scene from a
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## Round 3: Writing

## Question \#8: <br> What term refers to a reference book that lets people look up words that mean the same as other words?

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## Round 3: Writing

Question \#9:
What five letter word refers to a category of literature or art? In describing novels, examples of such categories include romance, mystery, and science fiction.

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What five letter word refers to a category of literature or art? In describing novels, examples of such categories include romance, mystery, and science fiction.

## Round 3: Writing

## Question \#10:

What is the term for a term created by putting the first letters of several words together? An example is USA for United States of America.

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What is the term for a term created by putting the first letters of several words together? An example is USA for United States of America.

## Round 3: Writing

## Question \#11:

What part of speech refers to something's position relative to something else? Examples include "under," "on," and "in front of."

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What part of speech refers to something's position relative to something else? Examples include "under," "on," and "in front of."

## Round 3: Writing

## Question \#12: <br> What is the term for a comparison between two things in literature using "like" or "as?"

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## Question \#12: <br> What is the term for a comparison between two things in literature using "like" or "as?"

## Round 3: Writing

## Students have 3 minutes to complete their answer sheets.

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## Round 3: Writing

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 3: Writing

Answers for Writing questions follow on next slide.

Advance once all answer sheets have been collected.

Group C Students may return to their team.

Group D Students may be seated.

## Round 3: Writing

Answers

1. Alliteration
2. Gerund
3. Couplet
4. Noun
5. Monologue
6. Tense
7. Flashback
8. Thesaurus
9. Genre
10. Acronym
11. Preposition
12. Simile

## Round 4: PE / Sports

## Group D Students are seated and ready to begin.

## Round 4: PE / Sports

## Question \#1:

What is the term for a play in baseball in which two outs are recorded during the same continuous playing action?


## Round 4: PE / Sports

## Question \#1:

What is the term for a play in baseball in which two outs are recorded during the same continuous playing action?


## Round 4: PE / Sports

## Question \#2: <br> Nephrons are the functional units of what paired organs that excrete urea to produce urine?

## Round 4: PE / Sports

## Question \#2: <br> Nephrons are the functional units of what paired organs that excrete urea to produce urine?

## Round 4: PE / Sports

## Question \#3: <br> What racket sport is played by two athletes who hit a shuttlecock?

## Round 4: PE / Sports

## Question \#3: <br> What racket sport is played by two athletes who hit a shuttlecock?

## Round 4: PE / Sports

## Question \#4: <br> What hormone responsible for the "fight or flight" reflex is produced by a namesake gland?

## Round 4: PE / Sports

## Question \#4: <br> What hormone responsible for the "fight or flight" reflex is produced by a namesake gland?

## Round 4: PE / Sports

## Question \#5: <br> What position in football stands behind and supports the defensive ends and defensive tackles?

## Round 4: PE / Sports

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## Round 4: PE / Sports

Question \#6:
For his work investigating a cholera outbreak in London, John Snow is credited with inventing what field of study which examines how diseases spread?

## Round 4: PE / Sports

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For his work investigating a cholera outbreak in London, John Snow is credited with inventing what field of study which examines how diseases spread?

## Round 4: PE / Sports

## Question \#7: <br> What is the term for a basketball foul that doesn't involve contact between players?

## Round 4: PE / Sports

## Question \#7: <br> What is the term for a basketball foul that doesn't involve contact between players?

## Round 4: PE / Sports

## Question \#8:

People are recommended to drink plenty of water after athletic activity to prevent what condition, the lack of sufficient fluids in the body?

## Round 4: PE / Sports

## Question \#8:

People are recommended to drink plenty of water after athletic activity to prevent what condition, the lack of sufficient fluids in the body?

## Round 4: PE / Sports

## Question \#9: <br> What governing body of soccer organizes the World Cup?

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## Round 4: PE / Sports

## Question \#10: <br> Some types of diabetics have to inject what substance that reduces blood sugar levels?

## Round 4: PE / Sports

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## Round 4: PE / Sports

Question \#11:
Paradoxical undressing is a symptom of what condition in which a person's body temperature falls to unsafe levels?

## Round 4: PE / Sports

Question \#11:
Paradoxical undressing is a symptom of what condition in which a person's body temperature falls to unsafe levels?

## Round 4: PE / Sports

## Question \#12:

## In what sport do the contestants use foils, epees, and sabers?

## Round 4: PE / Sports

## Question \#12:

## In what sport do the contestants use foils, epees, and sabers?

## Round 4: PE / Sports

## Students have 3 minutes to complete their answer sheets.

## Round 4: PE / Sports

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 4: PE / Sports

## Students have 3 minutes to complete their answer sheets.

## Round 4: PE / Sports

## Students have 3 minutes to complete their answer sheets.

## Round 4: PE / Sports

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 4: PE / Sports

Answers for PE / Sports questions follow on next slide.

Advance once all answer sheets have been collected.

Group D Students may return to their team.

Group A Students may be seated.

## Round 4: PE / Sports

Answers

1) Double Play
2) Kidneys
3) Badminton
4) Adrenaline
5) Linebacker
6) Epidemiology
7) Technical foul
8) Dehydration
9) FIFA [or Fédération Internationale de Football Association; or International Federation of Association Football]
10) Insulin
11) Hypothermia
12) Fencing

## Round 5: NC Colleges and Univ.

## Group A Students are seated and ready to begin.

## Round 5: NC Colleges and Univ.

## Question \#1:

What university began as "teacher's training school" with groundbreaking in 1908? Governor Thomas Jordan Jarvis was known as the father of this university in Greenville.


Thinisigy Suanille, Ne

## Round 5: NC Colleges and Univ.

## Question \#1:

What university began as "teacher's training school" with groundbreaking in 1908? Governor Thomas Jordan Jarvis was known as the father of this university in Greenville.


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## Round 5: NC Colleges and Univ.

## Question \#2:

Brevard College is a small liberal arts college located in what Transylvania County town?

## Round 5: NC Colleges and Univ.

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Brevard College is a small liberal arts college located in what Transylvania County town?

## Round 5: NC Colleges and Univ.

## Question \#3:

What Winston-Salem institution, home of the Fighting Pickles, is unique because it awards high school, undergraduate, and graduate degrees to its students?


## Round 5: NC Colleges and Univ.

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What Winston-Salem institution, home of the Fighting Pickles, is unique because it awards high school, undergraduate, and graduate degrees to its students?


## Round 5: NC Colleges and Univ.

## Question \#4:

Concurrent with the announcement that the school would begin accepting men, Peace College changed its name to what in 2012?


## Round 5: NC Colleges and Univ.

## Question \#4:

Concurrent with the announcement that the school would begin accepting men, Peace College changed its name to what in 2012?


## Round 5: NC Colleges and Univ.

## Question \#5:

What North Carolina public university opened its doors in 1795 as the first public university in the United States?


## Round 5: NC Colleges and Univ.

## Question \#5:

What North Carolina public university opened its doors in 1795 as the first public university in the United States?


## Round 5: NC Colleges and Univ.

## Question \#6:

What North Carolina city is home to more than five colleges and universities including Bennett College and UNC-G?

## Round 5: NC Colleges and Univ.

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What North Carolina city is home to more than five colleges and universities including Bennett College and UNC-G?

## Round 5: NC Colleges and Univ.

## Question \#7:

What Laurinburg institution was formed with the merger of Flora McDonald College and Presbyterian Junior College? It added its first graduate degree program in 2013.

## Round 5: NC Colleges and Univ.

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What Laurinburg institution was formed with the merger of Flora McDonald College and Presbyterian Junior College? It added its first graduate degree program in 2013.

## Round 5: NC Colleges and Univ.

## Question \#8:

What Wayne County institution chartered in 1951 announced a name change from college to university in December, 2013?


## Round 5: NC Colleges and Univ.

## Question \#8:

What Wayne County institution chartered in 1951 announced a name change from college to university in December, 2013?


## Round 5: NC Colleges and Univ.

## Question \#9: What purple and gold university led by David Belcher is located in Cullowhee?



## Round 5: NC Colleges and Univ.

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## Round 5: NC Colleges and Univ.

## Question \#10:

While more than a dozen NC universities offer engineering degrees, which is the largest with more students and over a dozen majors?


- The Engineering Design Process - a series of steps that lead to the development of a
new product or system.
- You may start at ANY step of the process.
- After you improve your design once, you may want to begin the Engineering Design Process all over again to refine your technology. Or you may want to focus on one step.


## Twelve: State Final

## Round 5: NC Colleges and Univ.

## Question \#10:

While more than a dozen NC universities offer engineering degrees, which is the largest with more students and over a dozen majors?


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## Twelve: State Final

## Round 5: NC Colleges and Univ.

## Question \#11:

What Mecklenburg County university opened in 1946 was founded to serve the education needs of post-World War II veterans? It was known in the 1950's as Charlotte College.


## Round 5: NC Colleges and Univ.

## Question \#11:

What Mecklenburg County university opened in 1946 was founded to serve the education needs of post-World War II veterans? It was known in the 1950's as Charlotte College.


## Round 5: NC Colleges and Univ.

## Question \#12:

The Wainstein Report, published in October 2014, described academic fraud at what North Carolina university?


## Round 5: NC Colleges and Univ.

## Question \#12:

The Wainstein Report, published in October 2014, described academic fraud at what North Carolina university?


## Round 5: NC Colleges and Univ.

## Students have 3 minutes to complete their answer sheets.

## Round 5: NC Colleges and Univ.

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 5: NC Colleges and Univ.

## Students have 3 minutes to complete their answer sheets.

## Round 5: NC Colleges and Univ.

## Students have 3 minutes to complete their answer sheets.

## Round 5: NC Colleges and Univ.

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 5: NC Colleges and Univ.

Answers for NC Colleges and Universities questions follow on next slide.

Advance once all answer sheets have been collected.

Group A Students may return to their team.

Group B Students may be seated.

## Round 5: NC Colleges and Univ.

Answers

1) East Carolina University or ECU
2) Brevard
3) UNC School of the Arts
4) William Peace University
5) University of North Carolina or UNC
6) Greensboro
7) St. Andrews University
8) Mount Olive University or UMO
9) Western Carolina University or WCU
10) NC State University or NCSU
11) UNC-Charlotte
12) University of North Carolina or UNC

## Round 6: Literature

## Group B Students are seated and ready to begin.

## Round 6: Literature

## Question \#1: <br> While lost with Becky Thatcher, the protagonist of what Mark Twain novel finds Injun Joe's gold?

## Round 6: Literature

## Question \#1: <br> While lost with Becky Thatcher, the protagonist of what Mark Twain novel finds Injun Joe's gold?

## Round 6: Literature

## Question \#2: <br> Holden Caulfield's angst-filled thoughts and experiences in New York City are the subject of what J.D. Salinger novel?

## Round 6: Literature

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## Round 6: Literature

## Question \#3: <br> What English mariner who becomes a castaway is the namesake protagonist of Daniel Defoe novel?

## Round 6: Literature

## Question \#3: <br> What English mariner who becomes a castaway is the namesake protagonist of Daniel Defoe novel?

## Round 6: Literature

## Question \#4: <br> What novel about a friend of Sancho Panza who charges windmills was written by Miguel de Cervantes?

## Round 6: Literature

## Question \#4: <br> What novel about a friend of Sancho Panza who charges windmills was written by Miguel de Cervantes?

## Round 6: Literature

Question \#5:
A Native American warrior named Little Bear who fought in the French and Indian War is the title figure of what novel? This novel's protagonist is Omri, who can bring toys to life using a magic key.

## Round 6: Literature

Question \#5:
A Native American warrior named Little Bear who fought in the French and Indian War is the title figure of what novel? This novel's protagonist is Omri, who can bring toys to life using a magic key.

## Round 6: Literature

## Question \#6: <br> What Danish author wrote "The Ugly Duckling" and "The Little Mermaid?"

## Round 6: Literature

## Question \#6: <br> What Danish author wrote "The Ugly Duckling" and "The Little Mermaid?"

## Round 6: Literature

Question \#7:
Peeta Mellark reveals his feelings for the protagonist of what Suzanne Collins novel about Katniss Everdeen? It is the namesake of a series.

## Round 6: Literature

Question \#7:
Peeta Mellark reveals his feelings for the protagonist of what Suzanne Collins novel about Katniss Everdeen? It is the namesake of a series.

## Round 6: Literature

Question \#8:
The destruction of a forest of Truffula Trees appears in The Lorax, a work by what author who created a character who eats cake in the bathtub and unleashes Thing 1 and Thing 2 in The Cat in the Hat?

## Round 6: Literature

Question \#8:
The destruction of a forest of Truffula Trees appears in The Lorax, a work by what author who created a character who eats cake in the bathtub and unleashes Thing 1 and Thing 2 in The Cat in the Hat?

## Round 6: Literature

Question \#9:
The sequel to what work by Jeff Kinney was subtitled "Rodrick Rules?" This "novel in cartoons" centers on Greg Heffley and Rowley Jefferson and launched a series.

## Round 6: Literature

Question \#9:
The sequel to what work by Jeff Kinney was subtitled "Rodrick Rules?" This "novel in cartoons" centers on Greg Heffley and Rowley Jefferson and launched a series.

## Round 6: Literature

Question \#10:<br>What father of Draco Malfoy is a prominent Death Eater in the Harry Potter series?

## Round 6: Literature

Question \#10:<br>What father of Draco Malfoy is a prominent Death Eater in the Harry Potter series?

## Round 6: Literature

## Question \#11:

What novel by Dan Brown features a conflict between the Priory of Sion and Opus Dei? It includes the character of Silas, an albino monk.

## Round 6: Literature

## Question \#11:

What novel by Dan Brown features a conflict between the Priory of Sion and Opus Dei? It includes the character of Silas, an albino monk.

## Round 6: Literature

Question \#12:
What monkey created by Margret and H.A. Rey floats using a bunch of balloons before being rescued by the Man in the Yellow Hat? He is the protagonist of a namesake series.

## Round 6: Literature

Question \#12:
What monkey created by Margret and H.A. Rey floats using a bunch of balloons before being rescued by the Man in the Yellow Hat? He is the protagonist of a namesake series.

## Round 6: Literature

## Students have 3 minutes to complete their answer sheets.

## Round 6: Literature

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 6: Literature

## Students have 3 minutes to complete their answer sheets.

## Round 6: Literature

## Students have 3 minutes to complete their answer sheets.

## Round 6: Literature

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 6: Literature

Answers for Literature questions follow on next slide.

Advance once all answer sheets have been collected.

Group B Students may return to their team.

Group C Students may be seated.

## Round 6: Literature

Answers

1) The Adventures of Tom Sawyer
2) The Catcher in the Rye
3) Robinson Crusoe [accept either]
4) Don Quixote
5) The Indian in the Cupboard
6) Hans Christian Andersen
7) The Hunger Games
8) Dr. Seuss or Theodore Geisel [accept Theo LeSieg]
9) Diary of a Wimpy Kid
10) Lucius Malfoy
11) The Da Vinci Code
12) Curious George

## Round 7: US History

## Group C Students are seated and ready to begin.

## Round 7: US History

Question \#1:
What scandal in which seven men were caught breaking into the Democratic headquarters in Washington, D.C. caused Richard Nixon's resignation?

## Round 7: US History

Question \#1:
What scandal in which seven men were caught breaking into the Democratic headquarters in Washington, D.C. caused Richard Nixon's resignation?

## Round 7: US History

## Question \#2: <br> What process ending in 1877 saw Northern troops occupy and helped restore the South after the Civil War?

## Round 7: US History

## Question \#2: <br> What process ending in 1877 saw Northern troops occupy and helped restore the South after the Civil War?

## Round 7: US History

## Question \#3: <br> What politician and orator from Virginia exclaimed, "Give me liberty or give me death! ${ }^{י}$ ?

## Round 7: US History

## Question \#3: <br> What politician and orator from Virginia exclaimed, "Give me liberty or give me death! ${ }^{י}$ ?

## Round 7: US History

Question \#4:
The US war in the Pacific in World War II began with what Japanese attack on this Hawaiian naval base?

## Round 7: US History

Question \#4:
The US war in the Pacific in World War II began with what Japanese attack on this Hawaiian naval base?

## Round 7: US History

Question \#5:
Abraham Lincoln delivered a famous address dedicating a national cemetery at the site of what battle that saw fighting at Little Round Top and Devil's Den?

## Round 7: US History

Question \#5:
Abraham Lincoln delivered a famous address dedicating a national cemetery at the site of what battle that saw fighting at Little Round Top and Devil's Den?

## Round 7: US History

Question \#6:
Franklin Delano Roosevelt implemented what expansive set of policies to help end the Great Depression? Its second phase gave rise to such developments as the Social Security Act.

## Round 7: US History

Question \#6:
Franklin Delano Roosevelt implemented what expansive set of policies to help end the Great Depression? Its second phase gave rise to such developments as the Social Security Act.

## Round 7: US History

## Question \#7: <br> What settlement in the Virginia Colony was the first permanent English settlement in the United States?

## Round 7: US History

## Question \#7: <br> What settlement in the Virginia Colony was the first permanent English settlement in the United States?

## Round 7: US History

## Question \#8:

George H.W. Bush's tenure saw what war in which a coalition of nations attacked Iraq after Saddam Hussein ordered the invasion of Kuwait?

## Round 7: US History

## Question \#8:

George H.W. Bush's tenure saw what war in which a coalition of nations attacked Iraq after Saddam Hussein ordered the invasion of Kuwait?

## Round 7: US History

## Question \#9:

Elizabeth Cady Stanton and Susan B. Anthony drafted what amendment which gave women in the US the right to vote?

## Round 7: US History

## Question \#9:

Elizabeth Cady Stanton and Susan B. Anthony drafted what amendment which gave women in the US the right to vote?

## Round 7: US History

## Question \#10: <br> The Bull Moose Party was led by what president who, during the Spanish American War, led the Rough Riders up San Juan Hill?

## Round 7: US History

## Question \#10: <br> The Bull Moose Party was led by what president who, during the Spanish American War, led the Rough Riders up San Juan Hill?

## Round 7: US History

## Question \#11: <br> Plymouth Plantation eventually became part of which of the Thirteen Colonies?

## Round 7: US History

## Question \#11: <br> Plymouth Plantation eventually became part of which of the Thirteen Colonies?

## Round 7: US History

Question \#12:
The Lewis and Clark expedition and Louisiana Purchase occurred during the presidency of what man who was also the first US Secretary of State?

## Round 7: US History

Question \#12:
The Lewis and Clark expedition and Louisiana Purchase occurred during the presidency of what man who was also the first US Secretary of State?

## Round 7: US History

## Students have 3 minutes to complete their answer sheets.

## Round 7: US History

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## Round 7: US History

## Students have 3 minutes to complete their answer sheets.

## Round 7: US History

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 7: US History

Answers for US History questions follow on next slide.

Advance once all answer sheets have been collected.

Group C Students may return to their team.
Group D Students may be seated.

## Round 7: US History

Answers

1) Watergate Scandal
2) Reconstruction
3) Patrick Henry
4) Pearl Harbor
5) Battle of Gettysburg
6) New Deal
7) Jamestown
8) Persian Gulf War [or Operation Desert Storm]
9) Nineteenth Amendment
10)Theodore Roosevelt [or "Teddy" Roosevelt, or TR]
10) Massachusetts
11) Thomas Jefferson

## Round 8: Mathematics

## Group D Students are seated and ready to begin.

## Proctor should now distribute math questions face-down to students.

Students may begin when next slide is advanced.

## Round 8: Mathematics

## Question \#1: What is the sine of 90 degrees?

## Round 8: Mathematics

## Question \#2:

Richard mails off some equipment to be repaired, thinking the repairs will cost $\mathbf{\$ 2 0 0}$. In reality, the price of the repairs has increased by 20\% since last time, but Richard also has a coupon which will take $10 \%$ off of the final price of the repairs. How much will the equipment actually cost to repair?

## Round 8: Mathematics

## Question \#3: <br> What is the area of a triangle with a base of 6 units and a height of 12 units?

## Round 8: Mathematics

## Question \#4:

What is the probability of flipping five heads in a row on a fair coin? You can give the answer as either a fraction or decimal; if the latter, you can give it to just 3 decimal places.

## Round 8: Mathematics

## Question \#5: <br> If $x$ is 9 in the equation $y=x+11$, then what is the value of $y$ ?

## Round 8: Mathematics

## Question \#6:

Jenny is 5 feet tall and looks up at a precise 45 degree angle to the top of a building. If she is standing $\mathbf{1 0}$ feet away from the building, how tall is the building? Don't forget to take Jenny's height into account in finding the answer.

## Round 8: Mathematics

## Question \#7: <br> What is the circumference of a circle whose radius is 14 units?

## Round 8: Mathematics

## Question \#8: <br> What is the slope of a line that passes through the points $(0,3)$ and $(5,8) ?$

## Round 8: Mathematics

## Question \#9: <br> What is the positive square root of $196 ?$

## Round 8: Mathematics

Question \#10:
Keisha is designing a building shaped like a circle when she is told that the building's floor area will have to be quadrupled. Assuming the building stays in the same shape and the original building was 180 feet wide, how wide in feet will the new building be?

## Round 8: Mathematics

## Question \#11: <br> What are the two values of $x$ for which the equation $x^{2}+5 x+6$ can be true?

## Round 8: Mathematics

## Question \#12: <br> What is the surface area of a rectangular prism whose side lengths are 5, 8, and 2 units?

## Round 8: Mathematics

## Students have 5 minutes to complete their answer sheets.

## Round 8: Mathematics

## Students have 5 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 8: Mathematics

## Students have 5 minutes to complete their answer sheets.

## Round 8: Mathematics

## Students have 5 minutes to complete their answer sheets.

## Round 8: Mathematics

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 8: Mathematics

Answers for Mathematics questions follow on next slide.

Advance once all answer sheets have been collected.

Group D Students may return to their team.

Group A Students may be seated.

## Round 8: Mathematics

Answers

1) 1
2) $\$ 216.00$
3) $\mathbf{3 6}$ square units
4) $1 / 32$ [or 0.03125]
5) 20
6) 15 feet
7) 28 iI units
8) 1
9) 14
10) 360 feet
11) -3 and -2 [accept in either order]
12) 132 square units

## Round 9: Arts / Media

## Group A Students are seated and ready to begin.

## Round 9: Arts / Media

## Question \#1:

What TV network best known for airing SpongeBob SquarePants also aired Avatar: The Last Airbender?

## Round 9: Arts / Media

## Question \#1:

What TV network best known for airing SpongeBob SquarePants also aired Avatar: The Last Airbender?

## Round 9: Arts / Media

## Question \#2:

Weird AI Yankovic recorded a parody of what band's song "Taxman" as "Pac Man?" This band also produced such hits as "I Want to Hold Your Hand," "Abbey Road," and "Yellow Submarine."

## Round 9: Arts / Media

## Question \#2:

Weird AI Yankovic recorded a parody of what band's song "Taxman" as "Pac Man?" This band also produced such hits as "I Want to Hold Your Hand," "Abbey Road," and "Yellow Submarine."

## Round 9: Arts / Media

## Question \#3:

What actor played the title figure in the film Saving Private Ryan, as well as the title character in the Bourne trilogy?

## Round 9: Arts / Media

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What actor played the title figure in the film Saving Private Ryan, as well as the title character in the Bourne trilogy?

## Round 9: Arts / Media

## Question \#4: <br> Music of the Sun was the first album of what Barbadian artist who sings "Disturbia" and "Umbrella?"

## Round 9: Arts / Media

## Question \#4: <br> Music of the Sun was the first album of what Barbadian artist who sings "Disturbia" and "Umbrella?"

## Round 9: Arts / Media

## Question \#5: <br> Elsa is the sister of what protagonist of Frozen who is wooed by Prince Hans?.

## Round 9: Arts / Media

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## Round 9: Arts / Media

Question \#6:
What misanthropic diagnostician at Princeton Plainsboro Teaching hospital is the namesake of a TV show? He frequently appears with a cane.

## Round 9: Arts / Media

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What misanthropic diagnostician at Princeton Plainsboro Teaching hospital is the namesake of a TV show? He frequently appears with a cane.

## Round 9: Arts / Media

Question \#7:
What political office has been held on TV by characters including Jed Bartlet, David Palmer, Allison Taylor, and MacKenzie Allen?

## Round 9: Arts / Media

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What political office has been held on TV by characters including Jed Bartlet, David Palmer, Allison Taylor, and MacKenzie Allen?

## Round 9: Arts / Media

## Question \#8: <br> What famous director directed 2001: A Space Odyssey and Dr. Strangelove?

## Round 9: Arts / Media

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## Round 9: Arts / Media

Question \#9:
Alex O'Loughlin plays Steve McGarrett, whose partner is Danny Williams, on the new version of what CBS television series about an elite state police force based in Honolulu?

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## Round 9: Arts / Media

## Question \#10:

The song "Radio GaGa" was performed by what group fronted by Freddie Mercury which produced "Another One Bites the Dust?"

## Round 9: Arts / Media

## Question \#10:

The song "Radio GaGa" was performed by what group fronted by Freddie Mercury which produced "Another One Bites the Dust?"

## Round 9: Arts / Media

Question \#11:
The Terrans, Zerg, and Protoss are the factions of what series of games developed by Blizzard? Its second installment, Wings of Liberty, was released in July 2010 and a sequel titled Heart of the Swarm was released in March 2013.

## Round 9: Arts / Media

Question \#11:
The Terrans, Zerg, and Protoss are the factions of what series of games developed by Blizzard? Its second installment, Wings of Liberty, was released in July 2010 and a sequel titled Heart of the Swarm was released in March 2013.

## Round 9: Arts / Media

## Question \#12:

What comic strip about the title engineer in a white-collar, micromanaged workplace is written and drawn by Scott Adams?

## Round 9: Arts / Media

## Question \#12:

What comic strip about the title engineer in a white-collar, micromanaged workplace is written and drawn by Scott Adams?

## Round 9: Arts / Media

## Students have 3 minutes to complete their answer sheets.

## Round 9: Arts / Media

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 9: Arts / Media

## Students have 3 minutes to complete their answer sheets.

## Round 9: Arts / Media

## Students have 3 minutes to complete their answer sheets.

## Round 9: Arts / Media

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 9f Arts / Media

Answers for Arts / Media questions follow on next slide.

Advance once all answer sheets have been collected.

Group A Students may return to their team.

Group B Students may be seated.

## Round 9z Arts / Media

Answers

1) Nickelodeon
2) The Beatles
3) Matthew Paige "Matt" Damon
4) Rihanna [accept Robyn Rihanna Fenty]
5) Anna
6) Gregory House, M.D.
7) President of the United States [accept POTUS]
8) Stanley Kubrick
9) Hawaii Five-O (five-"oh")
10) Queen
11) StarCraft
12) Dilbert

## Round 10: Earth Science

## Group B Students are seated and ready to begin.

## Round 10: Earth Science

## Question \#1: <br> What type of rock formed from magma is often contrasted with sedimentary and metamorphic rocks?

## Round 10: Earth Science

## Question \#1: <br> What type of rock formed from magma is often contrasted with sedimentary and metamorphic rocks?

## Round 10: Earth Science

Question \#2:
Pterosaurs and stegosaurs flourished in what period that followed the Triassic?
Name this second period of the Mesozoic Era which was followed by the Cretaceous.

## Round 10: Earth Science

Question \#2:
Pterosaurs and stegosaurs flourished in what period that followed the Triassic?
Name this second period of the Mesozoic Era which was followed by the Cretaceous.

## Round 10: Earth Science

## Question \#3:

What type of storm which ranges in strength from F0 and F5 on the Fujita scale is characterized by a funnelshaped cloud?

## Round 10: Earth Science

## Question \#3:

What type of storm which ranges in strength from F0 and F5 on the Fujita scale is characterized by a funnelshaped cloud?

## Round 10: Earth Science

## Question \#4: <br> Supernovae form what interstellar clouds that are the birthplace of stars?

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## Round 10: Earth Science

Question \#5:
Imbrium and Tranquillititis are two of the "seas" of what body tidally locked with the Earth? This body causes the tides.

## Round 10: Earth Science

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Imbrium and Tranquillititis are two of the "seas" of what body tidally locked with the Earth? This body causes the tides.

## Round 10: Earth Science

## Question \#6:

What layer of the Earth's atmosphere home to the ozone layer is where jet planes fly?

## Round 10: Earth Science

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What layer of the Earth's atmosphere home to the ozone layer is where jet planes fly?

## Round 10: Earth Science

## Question \#7: <br> A byproduct of the extraction of oil is what gas with formula $\mathbf{N H}_{3}$ which makes up most of natural gas?

## Round 10: Earth Science

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## Round 10: Earth Science

## Question \#8:

What cold biome is separated from the taiga by the tree line? Only small shrubs and lichen grow in this biome where there is permafrost.

## Round 10: Earth Science

## Question \#8:

What cold biome is separated from the taiga by the tree line? Only small shrubs and lichen grow in this biome where there is permafrost.

## Round 10: Earth Science

## Question \#9:

The moons Deimos and Phobos orbit what planet which has been visited by the Spirit, Opportunity, and Curiosity rovers? This fourth planet from the Sun is home to the volcano Olympus Mons.

## Round 10: Earth Science

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The moons Deimos and Phobos orbit what planet which has been visited by the Spirit, Opportunity, and Curiosity rovers? This fourth planet from the Sun is home to the volcano Olympus Mons.

## Round 10: Earth Science

## Question \#10: <br> What is the term for the velocity needed to overcome the gravitational pull of a body?

## Round 10: Earth Science

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## Round 10: Earth Science

## Question \#11: <br> What hard substance with a Mohs hardness number of 10 is a gem often used in wedding rings?

## Round 10: Earth Science

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## Round 10: Earth Science

## Question \#12: <br> What device measures atmospheric pressure?

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## Round 10: Earth Science

## Students have 3 minutes to complete their answer sheets.

## Round 10: Farth Science

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 10: Earth Science

## Students have 3 minutes to complete their answer sheets.

## Round 10: Farth Science

## Students have 3 minutes to complete their answer sheets.

## Round 10: Earth Science

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 10: Earth Science

Answers for Earth Science questions follow on next slide.

Advance once all answer sheets have been collected.

Group B Students may return to their team.

Group C Students may be seated.

## Round 10: Earth Science

Answers

1) Igneous rocks
2) Jurassic period
3) Tornadoes
4) Nebula
5) The Moon [or Luna]
6) Stratosphere
7) Methane
8) Tundra
9) Mars
10) Escape Velocity
11) Diamond
12) Barometer

## Round 11: NC Government

## Group C Students are seated and ready to begin.

## Round 11: NC Government

## Question \#1:

Wayne Goodwin is the North Carolina Commissioner of what, responsible for regulating and licensing insurance professionals in NC?


## Round 11: NC Government

## Question \#1:

Wayne Goodwin is the North Carolina Commissioner of what, responsible for regulating and licensing insurance professionals in NC?


## Round 11: NC Government

## Question \#2:

The group of popularly elected executive offices in North Carolina is known as the Council of what? This group of ten leaders has regular meetings and is chaired by the Governor.

## Round 11: NC Government

## Question \#2:

The group of popularly elected executive offices in North Carolina is known as the Council of what? This group of ten leaders has regular meetings and is chaired by the Governor.

## Round 11: NC Government

## Question \#3: <br> Who is the <br> Commissioner of <br> Labor, the first NC woman ever elected to this position. She was first elected in 2000.



## Round 11: NC Government

## Question \#3: <br> Who is the <br> Commissioner of <br> Labor, the first NC woman ever elected to this position. She was first elected in 2000.



## Round 11: NC Government

## Question \#4: North Carolina state senators and representatives serve terms of what length?

## Round 11: NC Government

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## Round 11: NC Government

## Question \#5: <br> What elected official presides over the NC Senate but only votes in case of a tie?

## Round 11: NC Government

## Question \#5: <br> What elected official presides over the NC Senate but only votes in case of a tie?

## Round 11: NC Government

## Question \#6: <br> While officially nonpartisan, elections to this state body have become decidedly partisan with millions of out-of-state dollars flowing into races. Sam Ervin IV was recently elected to serve in what body?



## Round 11: NC Government

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## Round 11: NC Government

Question \#7:
What state agency was moved in August 2014 from the Department of Justice under the control of the Attorney General to the Department of Public Safety under Governor McCrory? They assist local law enforcement with criminal investigations.

## Round 11: NC Government

Question \#7:
What state agency was moved in August 2014 from the Department of Justice under the control of the Attorney General to the Department of Public Safety under Governor McCrory? They assist local law enforcement with criminal investigations.

## Round 11: NC Government

Question \#8:<br>The NC Legislature recently changed the law allowing them to hire private attorneys to defend state laws. What state-level position is elected to defend state laws, agencies, and commissions?

## Round 11: NC Government

Question \#8:<br>The NC Legislature recently changed the law allowing them to hire private attorneys to defend state laws. What state-level position is elected to defend state laws, agencies, and commissions?

## Round 11: NC Government

## Question \#9:

A PAC is a type of organization that pools campaign contributions in order to influence campaigns, candidates, or elections. PAC's have been hugely influential in recent NC elections. PAC is an acronym for what?

## Round 11: NC Government

## Question \#9:

A PAC is a type of organization that pools campaign contributions in order to influence campaigns, candidates, or elections. PAC's have been hugely influential in recent NC elections. PAC is an acronym for what?

## Round 11: NC Government

Question \#10:<br>North Carolina's US Senate race was the most expensive in the country. This race featured which two US Senate candidates from the major parties?

## Round 11: NC Government

Question \#10:<br>North Carolina's US Senate race was the most expensive in the country. This race featured which two US Senate candidates from the major parties?

## Round 11: NC Government

## Question \#11: <br> In the North Carolina General Assembly, which political party now enjoys a supermajority, allowing them to override any bill vetoed by Governor McCrory?

## Round 11: NC Government

## Question \#11: <br> In the North Carolina General Assembly, which political party now enjoys a supermajority, allowing them to override any bill vetoed by Governor McCrory?

## Round 11: NC Government

Question \#12:
In the recent election North Carolina voters approved a change to the state constitution. This change allows defendants in felony cases to waive their right to what kind of trial and have their case decided by a judge?

## Round 11: NC Government

Question \#12:
In the recent election North Carolina voters approved a change to the state constitution. This change allows defendants in felony cases to waive their right to what kind of trial and have their case decided by a judge?

## Round 11: NC Government

## Students have 3 minutes to complete their answer sheets.

## Round 11: NC Government

## Students have 3 minutes to complete their answer sheets.

## 2 Minutes Remaining

## Round 11: NC Government

## Students have 3 minutes to complete their answer sheets.

## Round 11: NC Government

## Students have 3 minutes to complete their answer sheets.

## Round 11: NC Government

## TIME

## Pencils Down.

## Answer sheets will now be collected.

## Round 11: NC Government

Answers for Wildcard questions follow on next slide.

Advance once all answer sheets have been collected.

Group C Students may return to their team.

Group D Students may be seated.

## Round 11: NC Government

Answers

1) Insurance
2) Council of State
3) Cherie Berry
4) 2 years
5) Lieutenant Governor
6) State Supreme Court
7) SBI or State Bureau of Investigations
8) Attorney General
9) Political Action Committee
10) Thom Tillis, Kay Hagan
11) Republicans
12) jury

## Round 12: Technology

## Group D Students are seated and ready to begin.

## Round 12: Technology

## Question \#1:

What process reorganizes the information on a hard drive into contiguous areas, rather than allowing the information to be scattered?

## Round 12: Technology

## Question \#1:

What process reorganizes the information on a hard drive into contiguous areas, rather than allowing the information to be scattered?

## Round 12: Technology

Question \#2:
The Bessemer process was once used to create what substance made up of iron alloyed with carbon that is used in construction?

## Round 12: Technology

Question \#2:
The Bessemer process was once used to create what substance made up of iron alloyed with carbon that is used in construction?

## Round 12: Technology

Question \#3:
What type of computer software responds to the requests of clients on a computer network? This term also describes computers dedicated to responding to clients on a network.

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What type of computer software responds to the requests of clients on a computer network? This term also describes computers dedicated to responding to clients on a network.

## Round 12: Technology

Question \#4:
Intel and AMD are major manufacturers
of what computer component that
carries out a computer's basic
operations, such as arithmetic and input/output operations?

## Round 12: Technology

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Intel and AMD are major manufacturers
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## Round 12: Technology

## Question \#5: <br> What devices transfer electrical power from one circuit to another, changing the voltage along the way?

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## Round 12: Technology

Question \#6:
What term refers to a type of computing in which data storage, applications, and other resources are shared on the Internet? It is named for a commonly used way of portraying this type of computing.

## Round 12: Technology

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What term refers to a type of computing in which data storage, applications, and other resources are shared on the Internet? It is named for a commonly used way of portraying this type of computing.

## Round 12: Technology

## Question \#7:

What video sharing website owned by Google is the third most popular site in the world?

## Round 12: Technology

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What video sharing website owned by Google is the third most popular site in the world?

## Round 12: Technology

## Question \#8: <br> What field of engineering focuses on the design and construction of machine systems and tools?

## Round 12: Technology

## Question \#8: <br> What field of engineering focuses on the design and construction of machine systems and tools?

## Round 12: Technology

## Question \#9:

What Microsoft search engine powers searches on Yahoo.com and is the second most popular search engine in the United States?

## Round 12: Technology

## Question \#9:

What Microsoft search engine powers searches on Yahoo.com and is the second most popular search engine in the United States?

## Round 12: Technology

## Question \#10:

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Question \#11:
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## Students have 3 minutes to complete their answer sheets.

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## TIME

## Pencils Down.

## Answer sheets will now be collected.

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## Answers for Technology questions follow on next slide.

Advance once all answer sheets have been collected.

Group D Students may return to their team.

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Answers

1) Defragmentation
2) Steel
3) Server
4) CPU [or Central Procession Unit]
5) Transformers
6) Cloud Computing
7) Youtube
8) Mechanical Engineering
9) Bing
10) Paypal.com
11) Google Android
12) Antifreeze

## End of Session

## Scores will be posted as soon as they are ready.

