

## 2015 SAGES: Spring Academic Game for Elementary Students

tournament written by Alex Dzurick, Audrey Bush, Matt Chalem, James Collier, David Dennis, Charles Hang, Sam Haynes, Spencer Johnson, Jason Loy, Ryan Kennedy, Jared Lockwood, Jack Miller, Luke Schuster & Belle Stanfield

# Round 5

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1. This man's sons Uday and Qusay were killed by US forces in Mosul. He was a leader in the Ba'ath party's rise to power in Iraq, and served as Iraq's fifth president until 2003. He invaded Kuwait in 1990 for oil. For 10 points, name this Iraqi leader who was captured in 2003 and executed in 2006.

ANSWER: Saddam **Hussein**

2. This composer wrote a work with 24 pairs of preludes and fugues, *The Well Tempered Clavier*. He was a member of a large composing family that included his son, Carl Philipp Emanuel. For 10 points, name this German composer of *Toccata and Fugue in D Minor*.

ANSWER: Johann Sebastian **Bach**

3. This planet's largest moon, Triton, may be a captured planetoid from the Kuiper Belt. Winds on this planet reach up to 1300 mph, according to observations from Voyager 2. An enormous storm on this planet's surface is called the Great Dark Spot. For 10 points, name this eighth planet of our Solar System.

ANSWER: **Neptune**

4. COMPUTATION: Sharon just put on an old coat and noticed that she had left some change in the pocket. She wants to know how much money she found. She found 2 quarters, 2 dimes, 2 nickels, and a penny. She quickly adds the value of each coin, and finds, for 10 points, how much money in her pocket?

ANSWER: **81 cents** or \$0.81

5. This language's word for five, *fünf*, contains an umlaut [*oom-lout*], a punctuation mark distinctive for this language. Very long compound words are common in this language. Yiddish is generally considered a dialect of it. For 10 points, name this language spoken in cities like Munich and Berlin.

ANSWER: **German** [accept **Deutsch** [*pronounced "doych"*]]

6. The Ilemi Triangle region near Lake Turkana in this country is disputed with South Sudan. The elevation of the Great Rift Valley in this country may lead to its athletes being uncommonly good distance runners. For 10 points, name this African country with capital Nairobi.

ANSWER: Republic of **Kenya**

7. Rumors about this man's first son, Jochi, were one reason why Ogedei became this man's heir. This man brought all of the Silk Road under his control using his army of mounted archers, who invaded China. For 10 points, name this leader who unified the Mongol Empire and became its first khan.

ANSWER: Genghis Khan [accept Temujin]

8. These computer parts are being replaced by solid-state versions. Perpendicular recording can help increase the amount of bits per square inch one can store on one of these. Almost all of them are made by Seagate, Toshiba or Western Digital. For 10 points, name these computer parts that store information.

ANSWER: hard drive [accept hard disk drive]

9. In this speech, the speaker compared the story of Rebekah and Ben Erler to America. This speech, given to Congress, also urged listeners to try living on minimum wage. For 10 points, name this speech where Barack Obama said he had no more campaigns to run since he won both of them.

ANSWER: 2015 State of the Union address

10. In this book, the protagonist wears magical silver shoes and green spectacles. When the Wicked Witch is killed in this book, the flying monkeys help repair the Tin Man and the Scarecrow. For 10 points, name this book featuring Toto and his owner Dorothy, who flew in on a tornado from Kansas.

ANSWER: *The Wonderful* Wizard of Oz

11. This artist and husband of Lee Krasner was influenced by surrealism, which led to the creation of his "drip and slash" style of painting, such as *Blue Poles* and *Full Fathom Five*. This artist was famous for his "action paintings." For 10 points, name this artist who was nicknamed "Jack the Dripper" by his critics.

ANSWER: (Paul) Jackson Pollock

12. COMPUTATION: Nate is so bored waiting for his parents to pick him up that he wants to know how many minutes he has waited. He has been out of swim practice for an hour and a half. He knows that an hour is 60 minutes, and can calculate, for 10 points, how many minutes late his parents are?

ANSWER: 90 minutes

13. When it is burned, this element turns flames yellow. This alkali metal is more reactive than lithium, which is found above it on the periodic table. This element's bicarbonate makes up baking soda, and its chloride is table salt. For 10 points, what element is symbolized Na?

ANSWER: sodium

14. In one of this author's books, a tree creates a large fruit after a bag of crocodile tongues is spilled on it. In another of this author's books, the main character devises a plan to steal food from the farmers Boggis, Bunce and Bean. For 10 points, name this author of *James and the Giant Peach* and *Fantastic Mr. Fox*.

ANSWER: Roald Dahl

15. According to the Talmud, unless a person is a kohanim, they should stand for a person with this title. This title, meaning "my teacher" or "my master", refers to people who have earned a semicha by being educated in halakha, or Jewish law. For 10 points, name this leader of a Jewish synagogue.

ANSWER: rabbi [accept the Hebrew plural rabanim]

16. In 2013, this government agency was accused of unfairly targeting conservative groups seeking an exempt status. The first 1040 form from this agency was printed after the ratification of the 16th amendment in 1913. For 10 points, name this government agency which collects taxes each year by April 15th.

ANSWER: Internal Revenue Service [accept IRS]

17. Sigmund Freud wrote a book about the interpretation of these events, which he said were part of our unconscious wishes. One is "lucid" if they are awake during these events, which are most common during REM sleep. For 10 points, name these images or stories we might experience when we are sleeping.

ANSWER: dreams

18. Phil Jackson coached this team to the 1997 NBA Finals, where they won their first two games at their United Center home. Game 5 is famous for featuring a flu-stricken member of this team, Michael Jordan. For 10 points, name this NBA team that beat the Jazz with the help of Dennis Rodman and Karl Malone.

ANSWER: Chicago Bulls [accept either underlined portion]

19. In one book about this war, the regiment's flag is taken up and carried by Henry Fleming. In another book, Tom and his brother support opposing sides in this war, as Bill joins the Confederacy. For 10 points, name this war central to *The Red Badge of Courage* and *Across Five Aprils*.

ANSWER: (American) Civil War

20. A capsid is a shell that protects these things. Bacteria can be affected by ones called phages. When these things enter the body, they can trigger an immune response. One of these causes Ebola. For 10 points, name these infectious agents, another of which can cause the flu.

ANSWER: viruses [accept bacteriophages before mentioned; prompt on pathogens]

TB. American soldiers headed to this place after the Battle of White Marsh. Baron von Steuben helped to train the Continental Army here for fighting the British. For 10 points, name this location in Pennsylvania where George Washington kept his forces during the harsh winter of 1777 and 1778.

ANSWER: **Valley Forge**, Pennsylvania

## BONUSES

1. Even though this character is “the only one”, he usually refers to himself in the plural. For 10 points each:

[10] Name this striped character created by A.A. Milne who is described as “bigger because of his bounces.”

ANSWER: **Tigger**

[10] Tigger loves malt extract, which is given to him by this character, the mother of Roo.

ANSWER: **Kanga**

[10] Tigger and Kanga live in this place, a forest of a particular size “where Christopher Robin plays.”

ANSWER: **Hundred-Acre Wood**

2. COMPUTATION: Walter is counting by twos. For 10 points each:

[10] If the first number in his sequence is two, what will be the twelfth number that he counts?

ANSWER: **24**

[10] Walter notices that the first and last numbers have a sum of 26, and he can pair up the rest of the numbers in his sequence so that all the pairs add up to 26. What is the sum of his sequence?

ANSWER: **156**

[10] If Walter continues counting, in which position will the number 100 be?

ANSWER: **50<sup>th</sup>**

3. Members of this Christian denomination call each other “friends.” For 10 points each:

[10] Name this religious group whose nickname indicates their trembling at the word of God.

ANSWER: **Quakers** [accept **Religious Society of Friends**]

[10] A prominent early American Quaker leader was this founder of Pennsylvania.

ANSWER: William **Penn**

[10] This British candy company and maker of delicious Creme Eggs was founded by a Quaker who could not attend university or join the military because of his religion.

ANSWER: **Cadbury**

4. This scientist studied finches in the Galapagos Islands to help develop his biological theories. For 10 points each:

[10] This scientist wrote *On the Origin of Species*, where he introduced the term “natural selection.”

ANSWER: Charles **Darwin**

[10] Darwin is often credited with popularizing this theory about species changing due to some offspring being better suited for their environment than others.

ANSWER: **evolution** [accept **speciation**]

[10] Another driver of evolution is this process by which genes are randomly changed due to factors such as radiation or illness.

ANSWER: **mutation** [accept word forms such as **mutating**]

5. This man created one of the first fire departments in the United States. For 10 points each:  
[10] Name this Founding Father, creator of bifocals and publisher of Poor Richard's Almanac.

ANSWER: Benjamin **Franklin**

[10] Legend has it that Franklin showed that lightning is a form of electricity by flying one of these things in a storm.

ANSWER: a **kite**

[10] Franklin was the first holder of this government position, the person in charge of the mail delivery system.

ANSWER: **Postmaster General** of the United States

6. For 10 points each, answer these questions about a popular book setting.

[10] Characters such as Thomas Andrews appear in *A Night to Remember*, a book which took place onboard this ship that sank in 1912 after hitting an iceberg.

ANSWER: R.M.S. **Titanic**

[10] Another character in *A Night to Remember* was this real-life woman, nicknamed "The Unsinkable" after she survived the *Titanic* disaster.

ANSWER: "The Unsinkable" Molly **Brown** [accept Margaret **Brown** or Maggie **Brown**]

[10] The *Titanic* also serves as the setting for this book, in which the steward Liam O'Connor gets rescued and becomes the team's lead field agent in protecting the course of history.

ANSWER: **TimeRiders**

7. Cities in this company's fictional universe include Star City and Gotham City. For 10 points each:

[10] Name this company and rival of Marvel Comics.

ANSWER: **DC** Comics

[10] This superhero's day job is as a forensic scientist with the Central City Police Department.

ANSWER: Barry **Allen** [accept The **Flash**]

[10] On the CW TV show *The Flash*, this deaf villain creates sonic weapons to enact revenge on Dr. Harrison Wells.

ANSWER: **Pied Piper** [accept Hartley **Rathaway**]

8. Two California universities have schools in this field named for Henry Samueli. For 10 points each:

[10] Samueli was a member of this profession of people who design and improve things.

ANSWER: **engineering** [accept **electrical engineering**, as Samueli worked in that particular subfield]

[10] Engineers often work with simple machines such as pulleys, wheels and this simple machine which consists of a load and a fulcrum around which it pivots.

ANSWER: **lever**

[10] Bizarre, complicated combinations of simple machines that accomplish a simple task are sometimes named for this cartoonist and inventor.

ANSWER: Rube **Goldberg** (machines)

9. This country is often symbolized by a red maple leaf. For 10 points each:

[10] Name this country which only has one bordering country, the United States to its south and west.

ANSWER: **Canada**

[10] This U.S. state's "Northwest Angle" abruptly juts out along an otherwise straight line border from Washington to the Great Lakes.

ANSWER: **Minnesota**

[10] Most of the Great Lakes are shared between the United States and Canada. Name the one Great Lake entirely within the U.S. borders.

ANSWER: Lake **Michigan**

10. In ancient Egypt, bodies of the dead were placed in natron for seventy days to reach this state. For 10 points each:

[10] Name these preserved, embalmed bodies. Both humans and cats were commonly put in this state by the Egyptians.

ANSWER: **mummies** [accept word forms]

[10] This jackal-headed god was the god of embalming and mummification. He watched over the scale during the Weighing of the Heart of the dead.

ANSWER: **Anubis**

[10] In Egyptian mythology, the heart of the dead was weighed against one of these objects. Hearts that were heavier than this object were eaten by Ammit.

ANSWER: **feather** of Ma'at

11. For 10 points each, name these words from around the world that each contain the letter J pronounced in different ways:

[10] This word came from Norwegian and describes an inlet with steep cliff sides.

ANSWER: **fjord** (*fyord*)

[10] Shah Jahan in India had this massive building constructed as a tomb for his wife Mumtaz.

ANSWER: **Taj Mahal**

[10] A chipotle is a roasted version of this kind of pepper.

ANSWER: **jalapeño**

12. These objects have tails made of ice particles trailing behind them. For 10 points each:

[10] Name these astronomical objects that are basically orbiting snowballs.

ANSWER: **comets**

[10] This famous comet is visible from Earth about every 75 years and will appear next in 2061.

ANSWER: **Halley's** comet [accept Comet **Halley** or **1P/Halley**]

[10] When comets pass near Earth, they sometimes cause these events to occur. Halley causes one called the Orionid.

ANSWER: **meteor shower**

13. For 10 points, answer these questions about a certain mountain range.

[10] These mountains are created by subduction of the Nazca Plate.

ANSWER: Andes Mountains

[10] The volcano Chimborazo is located in the Andes about 100 miles from Quito, the capital of this South American country.

ANSWER: Ecuador

[10] The Andes stretch from Venezuela to this archipelago off the southern tip of South America.

ANSWER: Tierra del Fuego

14. COMPUTATION: Ethan wants to order a box online but needs to know the volume. The box is a rectangular prism, with a base of 2 inches on all sides, and the box is 8 inches tall. For 10 points each:

[10] In cubic inches, what is the volume of the box?

ANSWER: 32 cubic inches

[10] In square inches, what is the surface area of the box?

ANSWER: 72 square inches

[10] Ethan wants to paint all but the bases of the box. What name is given to the surface area that does not contain the bases?

ANSWER: lateral (surface) area

15. Males over the age of 18 are required to register for Selective Service in case this process is used again. For 10 points each:

[10] Name this process of involuntarily enlisting people into the armed forces, last used in 1973.

ANSWER: the draft [accept conscription]

[10] Give the two word phrase for someone who refuses to participate in military service due to a religious or ethical objection to war, sometimes abbreviated CO.

ANSWER: conscientious objector [accept word forms like conscientious objection]

[10] Some men were known to have evaded the draft by pretending to belong to this group; since the repeal of Don't Ask, Don't Tell, members of this group have been able to serve openly.

ANSWER: gay men [accept homosexuals; accept members of the LGBTQ or queer community]

16. In this book, Veruca Salt is attacked by squirrels and Violet Beauregard is rolled away by Oompa- Loompas. For 10 points each:

[10] Name this book in which five children win a factory tour by finding Golden Tickets.

ANSWER: Charlie and the Chocolate Factory [do not accept *Willy Wonka and the Chocolate Factory* as that is not the title of the book]

[10] On the tour, the children are told about this amazing candy that changes colors and never gets smaller.

ANSWER: Everlasting Gobstoppers

[10] This child, addicted to gangster shows, is miniaturized and then stretched back out until he is ten feet tall.

ANSWER: Mike Teavee [accept either underlined name]



17. This kind of quadrilateral has diagonals that bisect each other and has congruent opposite angles. For 10 points each:

[10] Name this kind of quadrilateral that has two pairs of parallel sides.

ANSWER: parallelogram

[10] If a parallelogram has four congruent sides, it is known by this name.

ANSWER: rhombus

[10] A rhombus with four right angles is known by this name. Every quadrilateral of this type is also both a rhombus and a rectangle.

ANSWER: square

18. Bill Nye's theme song notes that this "is a property of matter." For 10 points each:

[10] Name this property of an object to resist changes in motion.

ANSWER: inertia

[10] This scientist's first law is sometimes called the law of inertia. His third law is that all actions have equal and opposite reactions.

ANSWER: Isaac Newton

[10] Newton's second law states that the force on an object is equal to its acceleration times this property, the amount of matter in an object.

ANSWER: mass

19. This composer's third symphony is dedicated to Napoleon. For 10 points each:

[10] Name this German composer of "Für Elise" and the *Moonlight Sonata*.

ANSWER: Ludwig van Beethoven

[10] Beethoven completed this symphony, including voices singing "Ode to Joy," after he had become deaf.

ANSWER: Symphony No. 9 [accept Choral Symphony]

[10] Beethoven's only work of this type is called *Fidelio*. The main characters are a tenor and a soprano.

ANSWER: opera

20. The largest one of these places in both population and area is the Navajo Nation. For 10 points each:

[10] Name these locations that Native Americans were allowed to control after they lost their original land.

ANSWER: Native American reservations [accept Indian reservations]

[10] Because of a concept known as tribal sovereignty, many tribes can earn revenue by building these gambling facilities on their reservations.

ANSWER: ("Indian") casinos

[10] The Bureau of Indian Affairs is part of this executive department that also manages national parks and the US Geological Survey.

ANSWER: Department of the Interior

## 2015 SAGES

## Round 5

TB. Ariadne gave this man a ball of string, which allowed him to navigate the Labyrinth. For 10 points each:

[10] Name this hero who killed a monster who ate fourteen Athenian youths every year. He later became the king of Athens.

ANSWER: **Theseus**

[10] Theseus killed this creature, a fearsome half-man half-bull, who lived in the Labyrinth.

ANSWER: the **Minotaur**

[10] When Theseus returned home, his father Aegeas killed himself because Theseus' ship was flying sails of this color, suggesting that Theseus had been killed by the Minotaur.

ANSWER: **black**