

2022 Stateline Junior

Game 3

Scholastic Community Outreach Program

Buzz-In Round

(1) Name the Greek god who imprisoned Pirithous for attempting to kidnap this god's wife, Persephone, from his home in the underworld.

ANSWER: Hades

(2) What modern country contains the Ob River in Siberia and the Volga River, which flows past Moscow?

ANSWER: Russia (accept Russian Federation; accept Rossiya or Rossiyskaya Federatsiya)

(3) What two-dimensional shape's internal angles add up to seven-hundred-twenty degrees, which gives a measure of one-hundred-twenty degrees to each of this shape's six angles?

ANSWER: hexagon (accept regular hexagon; accept six-gon)

(4) Shameik Moore voices an animated version of what superhero, who was also portrayed in live-action by Tobey Maguire, Andrew Garfield, and Tom Holland in a recent film subtitled *No Way Home*?

ANSWER: Spider-Man (accept Miles or Morales; accept Peter or Parker after "Tobey" is read)

(5) What kind of bodily tissue has "smooth," "cardiac," and "skeletal" types that can contract to move body parts?

ANSWER: muscles (accept striated muscles; accept smooth muscles; accept cardiac muscles; accept skeletal muscles)

(6) What Italian explorer was sponsored by Ferdinand and Isabella of Spain to use the *Niña*, the *Pinta*, and the *Santa Maria* to sail to North America?

ANSWER: Christopher Columbus (accept Christoforo Colombo; accept Cristóbal Colón)

(7) Name the Tchaikovsky ballet in which a little girl is saved from the Mouse King by a toy she receives from Herr Drosselmeyer as a Christmas present.

ANSWER: The Nutcracker (accept Shchelkunchik)

(8) Name the novel by Charles Dickens in which the title boy joins the Artful Dodger in Fagin's gang of pickpockets after being kicked out of a workhouse for asking for more gruel.

ANSWER: Oliver Twist (accept Oliver Twist; or, the Parish-Boy's Progress)

(9) What planet has the longest rotational period in our solar system and a continent called Ishtar Terra that, like this planet, is named after a goddess of love?

ANSWER: Venus

(10) In 2021, Dixie and Charli D'Amelio were among the highest-earning stars on what sister app of Douyin, a video-sharing social media platform?

ANSWER: TikTok

(11) Name the literary character who transforms into sea foam in a Hans Christian Andersen story after she trades her voice and tail for feet that will let her walk on land.

ANSWER: The Little Mermaid (accept Den lille havfrue; do not accept or prompt on "Ariel," since the literary character is unnamed)

(12) Name the process that precedes condensation in the water cycle, a phase change in which the surface of a liquid slowly turns into a gas.

ANSWER: evaporation (do not accept boiling)

(13) What Italian Renaissance artist created bronze sculptures like *Gattamelata* and a hat-wearing *David*?

ANSWER: Donatello (accept either underlined name of Donato di Niccolò di Betto Bardi)

(14) Name the European monarch who celebrated her Platinum Jubilee in February 2022, seventy years after becoming the Queen of England.

ANSWER: Elizabeth II (prompt on “Elizabeth”)

(15) What part of speech can be preceded in Spanish by gendered articles like “el” or “la;” can be called “proper” if they name a city or a human; and identify a person, place or thing?

ANSWER: noun

(16) What U.S. state is home to T-Mobile Park and the Space Needle in its largest city, Seattle?

ANSWER: Washington

(17) Name the sub-atomic particle that occupies valence shells around an atom’s nucleus, and that has a negative charge.

ANSWER: electron

(18) What U.S. city contains Balboa Stadium and Petco Park, the former home of the Chargers and the current home of the Padres?

ANSWER: San Diego

(19) What religious figure rebuilt the Kaaba with Ishmael in Islam, and agreed to sacrifice his son Isaac in Judeo-Christian stories?

ANSWER: Abraham (accept Abram; accept Ibrahim)

(20) Name the 2017 film, a sequel to a 1995 Robin Williams movie, in which Karen Gillan, Kevin Hart, Jack Black, and Dwayne Johnson change history by playing a video game version of a jungle adventure.

ANSWER: **Jumanji**: Welcome to the Jungle

Volleyball Round

(21) The Andersonville prison housed Union prisoners of war during what brutal American war?

ANSWER: Civil War (accept American Civil War)

(22) Hokkaido, Honshu, Kyushu, Shikoku, and Okinawa are the five main islands of what Asian country?

ANSWER: Japan (accept Nihon-koku or Nippon-koku)

(23) The esophagus leads to what organ, which uses gastric acid to digest food before it passes into the intestines?

ANSWER: stomach

(24) E.H. Shepard illustrated the short stories and poems about this fictional stuffed animal created by A.A. Milne for his son, Christopher Robin.

ANSWER: Pooh (accept Winnie-the-Pooh or Winnie-ther-Pooh; accept Pooh-bear; accept Edward Bear)

(25) A 2021 Amazon movie stars Billy Porter as the Fabulous Godmother, Idina Menzel as the stepmother, and Camila Cabello as what title fairy tale character?

ANSWER: Cinderella

(26) What historical event, exacerbated by the Dust Bowl, was counteracted by FDR's New Deal after the 1929 stock market crash?

ANSWER: Depression (accept Great Depression)

(27) What is the name for the diamond-shaped quadrilateral that has four equal sides, but angles that may or may not be equal?

ANSWER: rhombus

(28) A limnic eruption can release carbon dioxide from what bodies of water, whose “Great” examples in the US include Huron and Erie?

ANSWER: lake (accept Great Lakes)

(29) What profession does Santiago have in Hemingway’s *The Old Man and the Sea*? In the book, which he overcomes his bad luck and hooks an enormous marlin, only for it to be eaten by sharks.

ANSWER: fisher (accept fisherman)

(30) What 2020 party game involves groups of up to sixty players fighting for a crown in minigames like “Slime Climb” and “Tail Tag?”

ANSWER: Fall Guys (accept Fall Guys Ultimate Knockout)

(31) Name the Egyptian god who was dismembered by his brother, Set, and became the god of the dead after he was put back together by this wife, Isis.

ANSWER: Osiris (accept Asar or Usire)

(32) Molecules in what phase of matter have a definite volume *and* definite shape, as opposed to phases with higher-energy molecules?

ANSWER: solid

(33) The terms “Kaiser” and “Tsar” are each derived from what Roman title, which itself came from the name of a dictator named Julius?

ANSWER: Caesar

(34) Franz Sussmeyer finished the “Lacrimosa” section of a musical work of this type written by Mozart, a mass that commemorates the dead.

ANSWER: requiem

(35) In this novel by James Fenimore Cooper, Uncas’s death leaves his father, Chingachgook, as the title character, the final member of a Native American tribe.

ANSWER: The Last of the Mohicans

Lightning Rounds

The categories are ...

1. Large Units of Measure
2. Latin roots
3. American Founding Fathers

LARGE UNITS OF MEASURE

Identify the following large units of measure. Each answer will be a single unit, such as a mile or a teaspoon.

(1) Metric unit of mass, often nicknamed a “kilo.”

ANSWER: **kilogram** (accept **kilo** before it is read)

(2) Unit of volume equal to four quarts or three-point-eight liters.

ANSWER: **gallon**

(3) Metric unit of distance called a “klick” in military use.

ANSWER: **kilometer**

(4) Unit of time equal to fourteen days.

ANSWER: **fortnite**

(5) Unit of weight equal to two thousand pounds.

ANSWER: **ton**

(6) Unit of distance describing how far a photon can travel in roughly three hundred sixty-five days.

ANSWER: **light-year**

(7) Unit of area used to measure land, equal to one-six-hundred-fortieth of a square mile.

ANSWER: **acre**

(8) Unit of data storage equal to one thousand “gigs.”

ANSWER: **terabyte** (accept **TB**)

(9) Unit of volume for oil, equal to about one hundred fifty-nine liters.

ANSWER: **barrel**

(10) Unit of length in space describing the distance between the Earth and the Sun.

ANSWER: **astronomical unit** (accept **AU**)

LATIN ROOTS

I will spell a Latin root word and give you two English words that use it. Give a common English definition of each Latin root. For example, if I said “A-Q-U-A; aquatic; aquamarine.” You would say “water.” Your answers should not include the root word itself, so if I said “A-Q-U-A,” an answer of “aquatic things” would not be enough.

(1) B-E-N-E; benefit; benevolent

ANSWER: **good** (accept similar answers like **nice** or **great**)

(2) T-E-R-R; terrestrial; terrarium

ANSWER: **earth** (accept similar answers like **ground** or **dirt**; do not accept more general answers like “planet”)

(3) V-I-D or V-I-S; video; visual

ANSWER: to **see** (accept word forms like **seeing** or **sight**; do not accept “vision;” do not accept “eyes”)

(4) O-M-N-I; omnipotent; omnivore

ANSWER: **all** (accept **many**)

(5) S-O-N; sonata; sonogram

ANSWER: **sound** (accept similar answers like **noise**; do not accept “hearing” or “ears”)

(6) N-O-V; novel; innovate

ANSWER: **new**

(7) S-C-R-I-P or S-C-R-I-B; inscription; scribe

ANSWER: to **write** (accept word forms like **writing**)

(8) G-E-N; regenerate; genesis

ANSWER: **birth** (accept similar answers like **start**)

(9) C-O-G; recognise; cognition

ANSWER: to **know** (accept word forms like **knowing**; accept similar answers like **thinking**)

(10) V-A-C; vacate; vacuum

ANSWER: **empty** (accept similar answers like **nothingness**)

AMERICAN FOUNDING FATHERS

Name some influential figures who aided in the founding of the United States.

(1) Revolutionary War general who became the first president.

ANSWER: George Washington

(2) Author of the Declaration of Independence who became the third president.

ANSWER: Thomas Jefferson

(3) First Secretary of the Treasury, who was shot by Aaron Burr.

ANSWER: Alexander Hamilton

(4) Man who signed the Alien and Sedition Acts as the second president.

ANSWER: John Adams (both names required; prompt on “Adams;” do not accept or prompt on “John Quincy Adams” or “John Q. Adams” or “J.Q. Adams”)

(5) Co-author of the *Federalist Papers* who became the first Chief Justice.

ANSWER: John Jay

(6) Creator of the postal service who wrote *Poor Richard's Almanac*.

ANSWER: Ben Franklin (accept Benjamin Franklin)

(7) Father of the Constitution who was president during the War of 1812.

ANSWER: James Madison, Jr.

(8) First governor of Massachusetts known for his large signature on the Declaration of Independence.

ANSWER: John Hancock

(9) Boston beer brewer who led the Sons of Liberty.

ANSWER: S. Adams (accept Sam Adams or Samuel Adams; prompt on “Adams”)

(10) Virginia politician who declared “give me liberty or give me death.”

ANSWER: Patrick Henry

Final Challenge

(36) What first American national park is largely inside the caldera of a supervolcano, and contains the Grand Prismatic Spring and the Old Faithful geyser?

ANSWER: Yellowstone (accept Yellowstone National Park)

(37) What scientific device was used by Antonie van Leeuwenhoek [“Antony” van LAY-van-hook] to observe bacteria, red blood cells, and other objects too small for the human eye to see?

ANSWER: microscope (accept light microscope; accept single-lens microscope)

(38) Name the twin sister of Apollo, a Greek goddess who rescued Atalanta and was the goddess of the hunt.

ANSWER: Artemis (accept Diana before “Greek” is read)

(39) What Greek city-state had a slave class called the helots, was ruled by King Laomedon, and was a military enemy of Athens?

ANSWER: Sparta (accept Lacedaemon)

(40) What last name is shared by the author of “Ozymandias,” Percy, and his wife, Mary, the author of *Frankenstein*?

ANSWER: Shelley (accept Percy Bysshe Shelley or Mary Wollstonecraft Shelley)

(41) Name the ballet composed by Pyotr Ilyich Tchaikovsky in which Prince Désiré defeats Carabosse with the help of the Lilac Fairy, allowing him to awaken Princess Aurora.

ANSWER: The Sleeping Beauty (accept Spyashchaya krasavitsa)

(42) What cellular organelle is a large vesicle that, in plant cells, stores food and water for a cell?

ANSWER: vacuoles

(43) What tropical sea bounded by the Greater and Lesser Antilles, is a portion of the Atlantic Ocean and contains the islands of Haiti, Cuba, and Jamaica?

ANSWER: Caribbean (accept Caribbean Sea)

(44) What collector of folk tales is memorialized with a sculpture of “The Little Mermaid” in the harbor of Copenhagen, Denmark?

ANSWER: Hans Christian Anderson (accept H.C. Anderson)

(45) What band used the line “Here’s to the ones that we got” to open their song “Memories,” and collaborated with Cardi B to produce “Girls Like You?”

ANSWER: Maroon 5

(46) Name the ship that took on the crew of the *Speedwell* for a journey that ended at Cape Cod, where its passengers signed a namesake “Compact” before founding Virginia.

ANSWER: Mayflower

(47) What mathematical adjective describes binary numbers that end in a zero, as well as *only* the smallest of the prime numbers, as well as the numbers 4, 6, and 8 because they are divisible by 2?

ANSWER: even numbers

(48) A 1765 law named for what items also applied to playing cards, newspapers, and other printed goods, and was highly unpopular among the American colonies?

ANSWER: stamps (accept Stamp Act)

(49) Giant, ground-dwelling species of what mammals went extinct several millenia ago, leaving two-toed and three-toed tree-dwelling species in modern rainforests?

ANSWER: sloths (accept any specific kind of sloth)

(50) Name the novel by Charles Dickens in which Abel Magwich, a former convict, pays for the orphan “Pip” Pirrip to go to school and become a gentleman.

ANSWER: Great Expectations

(51) What sport’s 2021 All-Stars included Marcus Semien, Adam Frazier, Freddie Freeman, Shohei Ohtani, Mike Trout, and Kris Bryant?

ANSWER: baseball (accept MLB)

(52) What Fifth Avenue skyscraper, designed by Shreve, Lamb, and Harmon in the Art Deco style was, when it was built in 1931, the tallest building in New York City?

ANSWER: Empire State (accept Empire State Building)

(53) Name the weather events measured by the Enhanced Fujita scale, which rates the speed of the wind rotating inside these funnel clouds.

ANSWER: tornado (accept twister; accept funnel cloud before it is read)

(54) Leonardo da Vinci painted what biblical figure “of the Rocks” in a pair of paintings in which she sits with an infant John the Baptist and her son, Jesus?

ANSWER: Mary (accept Virgin Mary, Mother Mary, or Holy Mary; accept the Holy Virgin; accept Madonna; accept The Virgin of the Rocks or The Madonna of the Rocks)

(55) The “angle-side-angle” theorem applies to what kind of shape, which may be classified as scalene, isosceles, or equilateral based on the lengths of its three sides?

ANSWER: triangles