

2022 Stateline Junior

## Round 3

Scholastic Community Outreach Program

### Buzz-In Round

(1) What pathway, navigated by the Peoria party, took wagon trains from Independence, Missouri to the Willamette Valley in a namesake west-coast state?

ANSWER: Oregon Trail

(2) What medical condition is characterized by metastasis of quickly-reproducing cells that form harmful tumors, and can be treated with chemotherapy?

ANSWER: cancers (accept specific types of cancer, such as leukemia)

(3) What Spanish painter created *Les Demoiselles d'Avignon* [lay day-mwah-zells da-veen-yawn] and *Guernica*, and helped found the Cubist movement?

ANSWER: Pablo Picasso (accept Pablo Ruiz y Picasso)

(4) What object in our solar system is orbited by Charon and was, until 2006, considered the ninth planet of our sun?

ANSWER: Pluto (accept 134340 Pluto)

(5) What 2021 movie inspired a TikTok meme that recreates Mariano's walking style as he visits the Madrigal family in the song "We Don't Talk About Bruno?"

ANSWER: Encanto

(6) What North-flowing, African river is stopped by the Aswan High Dam, and passes Cairo on its way through Egypt?

ANSWER: Nile River

(7) What English author included “The Red-Headed League” and “A Scandal in Bohemia,” two stories narrated by John Watson, in *The Adventures of Sherlock Holmes*?

ANSWER: Sir Arthur Conan Doyle

(8) What S-I unit of measure is equal to ten billion angstroms, and is a metric-system measure a little longer than one yard?

ANSWER: meter

(9) What part of speech can be followed by “self” when it is reflexive? These words stand in for nouns, and include he, she, and they.

ANSWER: pronoun (accept personal pronoun)

(10) What U.S. state contains the Genius of Water fountain across from the Great American Ball Park, and is home to the Buckeyes college teams in the cities of Columbus and Cincinnati?

ANSWER: Ohio

(11) In ancient Egyptian myth, what object was represented by Aten, a disc often pictured on the crown of gods like Horus and Ra, who represented this big, yellow star in the day sky?

ANSWER: Sun

(12) A December 2021 update to the Java Edition of what game finished a long-awaited “Caves and Cliffs” update that added axolotls and glow squids to a blocky world?

ANSWER: Minecraft

(13) Name the type of number that can represent a ratio with a slash instead of a colon; that is called a quotient when it represents division; and consists of a numerator over a denominator.

ANSWER: **fraction**

(14) Name the novel by Jack London in which the half-wolf son of One Eye and Kiche eventually finds a loving home with Weedon Scott.

ANSWER: **White Fang**

(15) What kind of event is celebrated by a Mendelssohn “March” that celebrates the union of Theseus and Hippolyta in *A Midsummer Night’s Dream*?

ANSWER: **wedding** (accept marriage; **accept wedding march**)

(16) The Third Servile War was started by a Roman slave with what profession, which included animal-fighters and warriors who performed as entertainers in arenas like the Colosseum?

ANSWER: **gladiator**

(17) What common pathogen caused a 1918 “Spanish” pandemic, as well as a 2009 “swine” pandemic caused by its H2N1 variant?

ANSWER: **flu** (accept **influenza**; accept **Spanish flu**; accept **swine flu**; prompt on “virus”)

(18) Which U.S. state contains the Manzanar Relocation Center, a concentration camp that detained Japanese-Americans from the Los Angeles area in the 1940s?

ANSWER: **California**

(19) Name the U.S. state that contains the cities of Yonkers and Troy in the Hudson River Valley, near the state capital, Albany.

ANSWER: **New York** (do not accept or prompt on “New York City” or “NYC”)

(20) What team needed touchdowns by Damien Williams and Travis Kelce from quarterback Pat Mahomes to beat the San Francisco 49ers in Super Bowl 54?

ANSWER: Chiefs (accept Kansas City; accept KC)

## Volleyball Round

(21) Name the American statesman who resided at Mount Vernon and crossed the Delaware River with the Continental Army in 1776 before becoming America's first president.

ANSWER: George Washington

(22) *Quiplash* and *Blather Round* are entries in the seventh *Party Pack* of party video games released by what game studio?

ANSWER: Jackbox (accept Jackbox Games; accept Jackbox Party Pack)

(23) What mathematical term describes lines whose namesake test must be passed by a valid function, and that are perpendicular to horizontal lines?

ANSWER: vertical (accept vertical lines; accept vertical line test)

(24) Molly Brown survived the sinking of what White Star Line ship that was lost after it encountered an iceberg in April 1912?

ANSWER: Titanic (accept RMS Titanic)

(25) Name the novel by George Orwell in which pigs like Snowball and Napoleon lead a revolution to take over the title estate, using the slogan "four legs good, two legs bad."

ANSWER: Animal Farm

(26) What physical phenomenon is created when wind blows over a fetch, creating these natural things that have crests and troughs and undulate on the surface of water?

ANSWER: wave (do not accept "tidal wave")

(27) What restaurant franchise began in 1930 as the Sanders Court & Café and serves an “Original Recipe” involving a secret blend of eleven herbs and spices?

ANSWER: KFC (accept Kentucky Fried Chicken)

(28) What German scientist’s “annus mirabilis” or “miracle year” included the publication of papers on the photoelectric effect and the theory of special relativity?

ANSWER: Albert Einstein

(29) Name the Egyptian goddess who was the sister of Nephthys, the mother of Horus, and the sister-wife of Osiris.

ANSWER: Isis (accept Ase; accept Wusa)

(30) The Experimental Prototype Community of Tomorrow, or EPCOT, was a planned, futuristic neighborhood, but instead became a section of what company’s Florida-based entertainment park?

ANSWER: Disney (accept WED Enterprises; accept Walt Disney World Resort)

(31) Many types of succulent plants are from this plant family, whose members grow spines from areoles. This family of plants includes the prickly pear and the saguaro.

ANSWER: cactus (accept cacti or cactuses; accept cactaceae)

(32) Name the American author who popularized the term “Lost Generation” in *The Sun Also Rises*, and who wrote *For Whom the Bell Tolls* and *The Old Man and the Sea*.

ANSWER: Ernest Hemingway (accept Ernest Miller Hemingway)

(33) Name the English author of the novel *Moll Flanders*, who wrote about a shipwrecked sailor in *Robinson Crusoe*.

ANSWER: Daniel Defoe (accept Daniel Foe)

(34) What Egyptian pharaoh poisoned herself - but not *actually* with a snakebite - after she and Marc Antony were defeated at the Battle of Actium in 31 BCE?

ANSWER: Cleopatra VII Philopator

(35) Francisco Goya's *Saturn Devouring His Son* is one of a set of his paintings known by this adjective, which evokes their forbidding subjects and dark colors.

ANSWER: black (accept black paintings)

# Lightning Rounds

The categories are . . .

1. American First Ladies
2. Instruments in a Concert Band
3. Roman Gods



## AMERICAN FIRST LADIES

Given an American first lady's first name and some details about her, give the last name she shared with her presidential husband.

(1) Martha, America's first first lady.

ANSWER: **Washington**

(2) Abigail, the first second lady and second first lady.

ANSWER: **Adams**

(3) Mary, who was present for her husband's 1865 assassination in Ford's Theater.

ANSWER: **Lincoln**

(4) Jacqueline, who was present for her husband's 1963 assassination in Dallas.

ANSWER: **Kennedy**

(5) Michelle, the author of 2012's *American Grown* and 2018's *Becoming*.

ANSWER: **Obama**

(6) Eleanor, the longest-serving first lady and a prominent humanitarian of the 1930s and '40s.

ANSWER: **Roosevelt**

(7) Laura, who supported literacy and her husband's authorization of the No Child Left Behind Act.

ANSWER: **Bush**

(8) Nancy, who was criticized for consulting an astrologist before her husband made political decisions.

ANSWER: **Reagan**

(9) Claudia, nicknamed "Lady Bird," who spearheaded a highway beautification campaign in the 1960s.

ANSWER: **Johnson**

(10) Dolly, who rescued paintings from the burning White House during the War of 1812.

ANSWER: **Madison**

## INSTRUMENTS IN A CONCERT BAND

Name some musical instruments commonly found in a concert band.

(1) A high-pitched brass instrument with three valves, similar to a cornet or a bugle.

ANSWER: trumpet (accept specific types like soprano trumpet)

(2) A metal-bodied woodwind instrument that is held sideways while playing.

ANSWER: flute (accept piccolo)

(3) The lowest-pitched brass instrument that often plays an “oom-pah” line.

ANSWER: tuba

(4) Brass instrument that changes pitch with a slide instead of valves.

ANSWER: trombone (accept specific types like tenor trombone)

(5) Single-reed woodwind with a bent, metal body that is commonly found in jazz bands.

ANSWER: sax (accept saxophone; accept specific types like alto saxophone)

(6) Drum that produces a sharp, high, rattling tone.

ANSWER: snare (accept snare drum)

(7) Large, metal discs that can be “rolled” or “crashed” together.

ANSWER: cymbals (accept suspended cymbals; accept crash cymbals)

(8) Curled-up brass instrument with a mellow tone, usually played with one hand in the bell.

ANSWER: horn (accept French horn)

(9) Large, tuned drums, usually found in sets of four, that are also called “kettle drums.”

ANSWER: timpani

(10) Double-reed woodwind instrument with a deeper tone than an oboe.

ANSWER: bassoon

## ROMAN GODS

Name some Roman gods and goddesses. Names of similar Greek deities will not be accepted.

(1) Goddess of love and beauty whose consort was Mars.

ANSWER: Venus (accept Veneris)

(2) Sky god who wielded thunderbolts.

ANSWER: Jupiter (accept Iupeter [yoo-pee-tur]; accept Jove or Iovus [yoh-vus])

(3) Messenger god with wings on his sandals and hat.

ANSWER: Mercury (accept Mercurius)

(4) Ocean god whose chariot was pulled by hippocamps.

ANSWER: Neptune (accept Neptunus)

(5) Love god who was the son of Mars and the goddess of love.

ANSWER: Cupid (accept Cupido)

(6) Patron goddess of Rome, whose consort was the sky god.

ANSWER: Juno (accept Iuno [yoo-noh])

(7) Sickle-wielding father of the sky and ocean gods.

ANSWER: Saturn (accept Saturnus)

(8) Goddess of wisdom and strategy, whose sacred animal was the owl.

ANSWER: Minerva

(9) Patron god of craftsmen and the forge.

ANSWER: Vulcan (accept Vulcanus)

(10) Goddess of the harvest and mother of Proserpina.

ANSWER: Ceres (accept Keres)

## Final Challenge

(36) Name the element whose sulfide ore, galena, is a common source of silver. It has atomic number 82 and symbol Pb.

ANSWER: lead (accept Pb before it is read)

(37) Name the historical figure who shouted “sic semper tyrannis” as he jumped onto the stage of Ford’s Theater after assassinating Abraham Lincoln.

ANSWER: John Wilkes Booth

(38) Minerva was the Roman equivalent of this Greek goddess of war and wisdom, who was also called Pallas.

ANSWER: Athena (accept Pallas Athena; accept Athene)

(39) What kind of fish in the superorder Selachimorpha includes the “living fossil” coelacanth [see-luh-kanth], the ancient Megalodon, and the modern Great White?

ANSWER: shark

(40) Name the U.S. state where the Mackinac Bridge [mack-ih-naw bridge] connects the Upper Peninsula to the Lower one, which contains Lansing and Detroit.

ANSWER: Michigan

(41) What Olympic sport is presented by former competitors Johnny Weir and Tara Lipinski and features athletes like Nathan Chen performing spins and triple axel jumps on the ice?

ANSWER: figure skating (prompt on “skating” or “ice skating;” do not accept or prompt on “speed skating”)

(42) Name the novel by H.G. Wells in which a Heat Ray and tripod machines allow Martians to invade England.

ANSWER: The War of the Worlds

(43) What is the home country of the composer of “Night on Bald Mountain,” a member of a “Mighty Handful” of five composers that included Mily Balakirev and Nikolai Rimsky-Korsakov?

ANSWER: Russia (do not accept or prompt on “Soviet Union”)

(44) Name the two-dimensional shape whose area formula is two times pi times the radius squared, and that consists of all the points an equal distance from a central point.

ANSWER: circle

(45) What modern European country on the Iberian Peninsula was created by the merger of Aragon and Castile in the fifteenth century, and contains the cities of Madrid and Barcelona?

ANSWER: Spain (accept España; accept Kingdom of Spain or Reino de España)

(46) Name the Jules Verne novel in which Passepartout [pass-par-too] helps his employer win a bet by traveling a great distance in less than three months.

ANSWER: Around the World in Eighty Days (accept Le tour du monde en quatre-vingts jours)

(47) What kind of military force used equipment like the Spitfire and “B” series bombers, and is exemplified by the German Luftwaffe, who participated in aerial “dogfights” during World War II?

ANSWER: Air Force (accept Royal Air Force; accept United States Airforce; accept German Air Force; accept answers describing using airplanes in battle; do not accept or prompt on other military branches like “Army”)

(48) Name the sub-atomic particle whose number determines an element's isotope. These particles occupy the nucleus alongside protons and have neither positive nor negative charge?

ANSWER: neutron

(49) Name the novel in which Jonas go through the Community's Ceremony of Twelve to become a "Receiver of Memory," a book written by Lois Lowry.

ANSWER: The Giver

(50) Name the South American country whose capital, a planned city partially designed by Oscar Niemeyer, replaced its former capital, Rio de Janeiro.

ANSWER: Brazil (accept Federative Republic of Brazil; accept República Federativa do Brasil; do not accept or prompt on "Brasilia")

(51) The Poltergust G-00 is the Final Smash attack for what Nintendo character, who hunts ghosts in mansions in several games and is a green-suited brother of Mario?

ANSWER: Luigi (accept Luigi Mario do not accept or prompt on "Mario" alone)

(52) What kind of symbiotic relationship is practiced by hookworms and ticks, which benefit from an interaction that harms their hosts?

ANSWER: parasitism (accept word forms like parasites)

(53) George Friedrich Handel included the repeated line "and he shall reign forever and ever" in this oratorio, known for its "Hallelujah Chorus."

ANSWER: Messiah oratorio (accept HWV 56)

(54) Equations possess the properties of reflection, symmetry, and what third property, which states that if  $a$  is equal to  $b$  and  $b$  is equal to  $c$ , then  $a$  must also equal  $c$ ?

ANSWER: transitive property (accept word forms like transitivity)

(55) What North American city's eastern shoreline is home to the Adler Planetarium, the Shedd Aquarium, the Field Museum, and Navy Pier?

ANSWER: Chicago