

2022 Stateline Junior

Game 10

Scholastic Community Outreach Program

Buzz-In Round

(1) What material did Michelangelo use to create decorations for the tomb of Pope Julius II, for the sculpture Pietá, and for a carved stone sculpture of David?

ANSWER: marble (prompt on “stone” before it is read)

(2) Name the weather phenomenon whose speed can be measured by an anemometer and by the Beaufort scale, which measures the speed of this phenomenon’s moving air.

ANSWER: wind

(3) Name the American poet who wrote “A narrow Fellow in the Grass,” “I heard a Fly buzz - when I died -,” and “Because I could not stop for Death.”

ANSWER: Emily Elizabeth Dickinson

(4) What European city contains the Brandenburg Gate and the Reichstag, and is the capital city of Germany?

ANSWER: Berlin

(5) What mathematical tool has a “bevel” type with an attached arm that helps mathematicians mark off angles measured by these half-circles marked in degrees?

ANSWER: protractor (accept bevel protractor)

(6) What sport's "fast pitch" style uses an underhand pitch delivery and a level pitcher's mound, and was added to the 2021 Olympic schedule along with an overhand-pitch counterpart?

ANSWER: softball

(7) The 1863 raid on Combahee Ferry was led by what woman, who was known as "Moses" for her perfect record of conducting escaped slaves along the Underground Railroad?

ANSWER: Harriet Tubman (accept Araminta Ross)

(8) What musical term, derived from the Italian for "time," means the speed at which music should be played?

ANSWER: tempo (accept tempi; do not accept or prompt on any specific tempo marking)

(9) What figure of speech is demonstrated by "my love is like a red, red rose?" This figure of speech compares two things using words such as "like" or "as," unlike a metaphor.

ANSWER: simile

(10) What substance is bright blue when it is harvested from horseshoe crabs to test vaccines, and is red in its oxygenated form in the human body?

ANSWER: blood

(11) What ritual was frequently performed by the son of Elizabeth, John, who performed this ritual on Jesus by immersing him in the Jordan River?

ANSWER: baptism (accept word forms like baptise; accept christening)

(12) Name the year, known as "The Spring of Nations," when uprisings in Hungary, Ireland, Germany, and France swept across Europe just before the midpoint of the nineteenth century.

ANSWER: 1848

(13) What character created by Robert Louis Stevenson beats Sir Danvers Carew to death after drinking a potion that transforms him into the evil Mr Hyde?

ANSWER: Doctor Henry **Jekyll** (accept Mister Edward **Hyde** before it is read; accept The Strange Case of **Doctor Jekyll and Mister Hyde**; accept **Jekyll and Hyde**)

(14) What scientific quantity is divided by volume to give density; describes the amount of matter in an object; and is measured in kilograms?

ANSWER: **mass** (do not accept “weight”)

(15) Name the U.S. that contains Lake Pontchartrain and extensive bayou wetlands on the Gulf of Mexico, as well as the cities of Baton Rouge and New Orleans.

ANSWER: **Louisiana**

(16) What kind of kinetic sculpture is exemplified by Alexander Calder’s *Lobster Trap and Fish Tail*, in which cut aluminum pieces hang dynamically on a wire from the ceiling?

ANSWER: **mobiles**

(17) Grigory Potemkin tried to impress what “Great” Empress, who took over from her husband, Peter III [third], and ruled Russia for over thirty years?

ANSWER: **Catherine** the Great (accept **Catherine II**)

(18) What national park contains rock formations like Half Dome and El Capitan, and is located in the Sierra Nevadas in northern California?

ANSWER: **Yosemite** (accept **Yosemite** National Park)

(19) What character is voiced by Martin Short in a show in which he *Knows a Lot About That*, is the narrator of the musical *Seussical*, and often appears with his friends Thing 1 and Thing 2?

ANSWER: The **Cat in the Hat**

(20) Cobalt and iron exhibit the “ferro” type of what behavior, in which a force attracts or repels objects, based on the position of a north pole and a south pole?

ANSWER: magnet (accept ferrommagnetism)

Volleyball Round

(21) J. Edgar Hoover was the longtime director of what American agency that handles law enforcement domestically, as opposed to the foreign-focused CIA?

ANSWER: FBI (accept Federal Bureau of Investigation)

(22) What mathematical term describes every angle in a regular pentagon, since they measure between ninety and one-hundred-eighty degrees?

ANSWER: obtuse angles (prompt on “one hundred eight degrees” before “between” is read by asking “what kind of angle is a one-hundred-eight degree angle?”)

(23) In Mormonism, the Golden Plates were revealed to Joseph Smith by Moroni, who was what kind of creature? In Islam and Christianity, another of these creatures, Gabriel, delivered good news to Mary.

ANSWER: angels (accept archangels)

(24) The tanka is similar to this poetic form from Japan, which has three lines of five, seven, and five syllables.

ANSWER: haiku

(25) What kind of radiation, essential to photosynthesis, has A and B types that reach the earth as sunlight?

ANSWER: ultraviolet radiation (accept UV radiation)

(26) Minas Gerais [MEE-nahs zhe-RAYCE] is the second most populous state of what South American country, behind only São Paulo and just ahead of Rio de Janeiro?

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

(27) The 2021 album *Lately I Feel Everything*, including the punk rock song “Transparent Soul”, was released by what artist, whose 2010 hit “Whip My Hair” was released at age 9 with the help of her acting parents?

ANSWER: WILLOW (accept Willow Smith)

(28) During World War II, soldiers in Dunkirk were evacuated through what body of water that stretches between France and England?

ANSWER: the Channel (accept English Channel; accept La Manche; prompt on “Atlantic Ocean”)

(29) Name the Shakespeare play in which Polonius is stabbed to death in Gertrude’s room by the title, revenge-seeking prince of Denmark.

ANSWER: Hamlet (accept The Tragedy of Hamlet, Prince of Denmark)

(30) What level of taxonomic classification is smaller than a domain and larger than a phylum? Classifications at this level include fungi, plants, and animals.

ANSWER: kingdom

(31) What musical work by Prokofiev uses the French horns and the strings to describe a scene in which a young boy is threatened by a large, wild canine?

ANSWER: Peter and the Wolf (accept Pétya i volk)

(32) Name the Facebook-owned app’s account @world_record_egg garnered millions of likes in early 2019, and whose main competitor is Snapchat.

ANSWER: Instagram (accept IG; accept Insta; accept the Gram)

(33) A Japanese word translating to “harbor wave” gives the name of what natural disaster, which may take place after an underwater earthquake?

ANSWER: tsunami (prompt on “tidal wave”)

(34) In 1967, anti-war activist Abbie Hoffman promised to levitate what federal office building in Arlington, Virginia, the headquarters of the Department of Defense?

ANSWER: **Pentagon**

(35) Edward Lear's *Book of Nonsense* helped popularize what five-line form of comedic poetry with an "A-A-B-B-A" rhyme scheme?

ANSWER: **limerick**

Lightning Rounds

The categories are . . .

1. European Landmarks
2. French Words in English
3. Presidential Pets

EUROPEAN LANDMARKS

Identify some major European landmarks, given their location and description.

(1) Latticed, wrought-iron tower built in 1889 in Paris.

ANSWER: Eiffel Tower (accept Tour Eiffel)

(2) Ancient circle of rocks in Salisbury, England.

ANSWER: Stonehenge

(3) Bell tower in Pisa, Italy, one side of which has sunk four degrees.

ANSWER: Leaning Tower (accept Leaning Tower of Pisa; prompt on “tower” or “tower of Pisa”)

(4) Ancient amphitheater built by Vespasian in Rome.

ANSWER: Colosseum (accept Flavian Amphitheater)

(5) Clock tower attached to the Palace of Westminster in London.

ANSWER: Big Ben (accept Elizabeth Tower, since “Big Ben” is the name of the bell, rather than the tower)

(6) Catholic cathedral on the Île de la Cité in Paris.

ANSWER: Notre-Dame (accept Notre-Dame Cathedral; accept Notre-Dame de Paris)

(7) Chapel in Vatican City whose ceiling was painted by Michelangelo.

ANSWER: Sistine Chapel

(8) Ancient temple dedicated to “all gods” in Rome.

ANSWER: Pantheon (do not accept or prompt on “Parthenon”)

(9) Catholic cathedral in Barcelona that has been under construction since 1882.

ANSWER: Sagrada Familia (accept La Sagrada Familia; accept Basilica de la Sagrada Familia)

(10) Massive stone gate, a monument to peace near the Reichstag in Berlin.

ANSWER: Brandenburg Gate (accept Brandenburg Tor)

FRENCH WORDS IN ENGLISH

English borrows a lot of words from different languages. Given their English definitions, name some English words we borrow from French.

(1) Structure used for parking cars.

ANSWER: garage

(2) Person who is engaged to be married.

ANSWER: fiancé

(3) Form of artistic dance usually performed "en pointe."

ANSWER: ballet

(4) Person whose job it is to drive a car for someone else.

ANSWER: chauffeur

(5) Identical set of clothes worn by people in the same job or school.

ANSWER: uniform

(6) A memento, an object that reminds someone of a trip or experience.

ANSWER: souvenir

(7) Rubble or fragments left over after something is destroyed.

ANSWER: debris

(8) Alternate route taken when an intended route is closed.

ANSWER: detour

(9) Trope or over-used phrase or plot element.

ANSWER: cliché

(10) False outer layer, or the front of a building.

ANSWER: facade

PRESIDENTIAL PETS

Given a description of some presidential pets, name the president who owned them.

(1) Dogs Major and Champ, who passed away during this man's presidency in 2021.

ANSWER: Joe Biden (accept Joseph Robinette Biden, Jr)

(2) Dog Bo, who was a gift for this man's daughters, Malia and Sasha.

ANSWER: Barack Obama (accept Barack Hussein Obama)

(3) Pushinka, whose four "pupniks" were born in 1963 during the Space Race. (JFK)

ANSWER: JFK (accept John Fitzgerald Kennedy)

(4) Dozens of pets, including a bear; he also went on a 1909 African safari after his presidency.

ANSWER: T. Roosevelt (accept Teddy Roosevelt; accept Theodore Roosevelt, Jr; prompt on "Roosevelt" alone)

(5) An alligator that lived in a White House bathtub; he was the first son of a President to become President.

ANSWER: Q. Adams (accept Quincy Adams; accept John Quincy Adams; prompt on "Adams" alone, but do not accept or prompt on "John Adams")

(6) A flock of sheep whose wool raised money for the Red Cross in World War I.

ANSWER: Woodrow Wilson

(7) Socks, a black-and-white cat who warred with the dog Buddy in the 1990s.

ANSWER: Bill Clinton (accept William Jefferson Clinton)

(8) Beagles named Him and Her. This man passed Medicare and two major Civil Rights Acts.

ANSWER: LBJ (accept Lyndon Baines Johnson; prompt on "Johnson" alone)

(9) Checkers, a dog given as a gift when this man ran for vice president under Eisenhower.

ANSWER: Richard Nixon (accept Richard Milhous Nixon)

(10) Pygmy hippo named "Billy," received as a gift in 1927.

ANSWER: Calvin Coolidge (accept John Calvin Coolidge, Jr)

Final Challenge

(36) Which European country is the birthplace of composers like Maurice Ravel and Claude Debussy, who learned piano as a child while fleeing the siege of Paris?

ANSWER: France (accept Second French Empire; accept French Third Republic)

(37) What infraclass of mammal, contrasted with placental mammals, includes animals that carry their young in pouches, such as opossums, koalas, and kangaroos?

ANSWER: marsupials (accept Marsupialia)

(38) What holiday celebrates the defeat of the French at the Battle of the Puebla by the Mexican Army, and is popularly celebrated in America in the spring?

ANSWER: Cinco de Mayo (accept Fifth of May or May Fifth)

(39) In what poem, the first section of the *Divine Comedy*, does Dante describe a tour of the nine circles of Hell?

ANSWER: Inferno

(40) What mathematical operation is used to calculate the number of permutations of a full set, is computed by multiplying together all positive integers equal to or less than the input integer, and is symbolized with an exclamation point?

ANSWER: factorial function (accept additional information involving a variable, like “n factorial” or “x factorial”)

(41) What waterway that passes through Bucharest, Munich, Budapest, and Vienna is the “Beautiful, Blue” namesake of a waltz by Johann Strauss?

ANSWER: Danube River

(42) Name the actor who voiced Duke Caboom in *Toy Story 4*, played himself in *Always Be My Maybe*, and starred in *John Wick* and *The Matrix*.

ANSWER: Keanu Reeves (accept Keanu Charles Reeves)

(43) Name the American author of *The Martian Chronicles*, who wrote about the fireman Guy Montag in *Fahrenheit 451*.

ANSWER: Ray Bradbury (accept Ray Douglas Bradbury)

(44) What region of space contains Eris and Pluto, and sits between the Oort Cloud and the planet Neptune?

ANSWER: Kuiper belt [KYE-per belt]

(45) Name the state that is home to a church dedicated to San Juan Capistrano in its San Antonio Missions National Park, which is near this state's Alamo mission.

ANSWER: Texas

(46) What European country's folklore includes the hero Finn MacCumhail [mick-cool] and such supernatural creatures as banshees and leprechauns?

ANSWER: Ireland (accept Eire)

(47) Name the highly unprofitable service that, for 18 months in the 1860s, operated between Missouri and California, carrying mail by mounted riders.

ANSWER: Pony Express

(48) What planet is currently being studied by the UAE's *Hope* mission, China's *Zhurong* mission, the *Ingenuity* helicopter, and the *Perseverance* rover, which takes samples of its red rocks?

ANSWER: Mars

(49) What human organ contains the duodenum, jejunum, and ileum, which stretch between the pyloric sphincter and the large intestine?

ANSWER: small intestine (prompt on “intestine”)

(50) What video game console was the first home of *Gran Turismo* and *Crash Bandicoot*, and started a line of consoles whose modern 5th iteration has been re-sold by scalpers while Sony ramps up production?

ANSWER: Playstation (accept P.S. or PS5; accept Sony Playstation)

(51) What European country on the Iberian Peninsula suffered a catastrophic 1755 earthquake and tsunami in its capital, Lisbon, and disagrees over its border with its eastern neighbor, Spain?

ANSWER: Portugal (accept Portuguese Republic or República Portuguesa)

(52) In Shakespeare’s *A Midsummer Night’s Dream*, Titania and Oberon are the queen and king of what magical creatures who mischievously meddle in the lives of humans?

ANSWER: fairy (accept fairies)

(53) Frédéric Chopin was from what European country, whose folk music he imitated in his mazurkas and polonaises, which were popular in Warsaw?

ANSWER: Poland (accept Polska)

(54) The equation “x squared minus y squared equals one” graphs what shape, which looks almost like two parabolas facing away from each other?

ANSWER: hyperbola (accept hyperbolas or hyperbolae)

(55) The Pont du Gard is what type of infrastructure, which the Romans built to serve as both bridges and, more importantly, to bring fresh water to Rome?

ANSWER: aqueduct (prompt on “bridge” before it is read)