

Red Checkpoint Quiz: Puerto Rico

Please Print Clearly all information and answers:

Check Division: High School_____ Middle School_____ Elementary School_____

(if your family has multiple competing students, check the box of the OLDER student)

First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. What is the name of the only tropical rainforest in the U.S. Forest System?
2. What natural phenomenon can be found in bays off Puerto Rico where a blue-green glow is created by millions of microorganisms called dinoflagellates?
3. What is the second largest city in Puerto Rico, also known as the "The City of Lions"?
4. What are the three colors on the Puerto Rican flag?
5. Who were the residents of Puerto Rico before the arrival of Spanish?
6. What is the name of the deadliest and costliest hurricane to ever strike the island of Puerto Rico?
7. What island off Puerto Rico was used for military exercises by the U.S. Navy from 1941 to 2001?
8. Puerto Rico is the easternmost of the Greater _____ (fill in the blank).
9. Puerto Rico is at the southern end of what mysterious polygon in the Atlantic?
10. Which Puerto Rican baseball hero died in a plane crash while delivering emergency relief supplies?

Blue Checkpoint Quiz: Climate Change

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First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. In which effect do gases absorb the sun's energy, slowing the escape of heat into space?
2. What is the formula for Carbon Dioxide?
3. Broadly speaking, what is the largest carbon sink in the world?
4. Which gas with symbol CH_4 is produced by livestock digestion and oil extraction, and is a powerful contributor to global warming?
5. The 2015 United Nations Climate Change Conference was held in what city?
6. Which country produces the most carbon dioxide?
7. The trapping and storing of carbon dioxide so that it cannot impact the atmosphere is known as what?
8. What is the largest US city to have its downtown area under sea level, and thus be especially vulnerable to climate change?
9. Global warming could potentially lead to colder temperatures in Western Europe due to the weakening of what ocean current?
10. Which country became the first to hold a session of its parliament underwater to heighten awareness of climate change?

Purple Checkpoint Quiz: Latin American History

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First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. What Mexican empire fell to the Spanish conquest in 1521?
2. What mountainous empire was the largest in the Americas at its peak?
3. Latin American independence was aided by whose invasion of Spain?
4. The War of the Triple Alliance was fought against which single country?
5. The first Emperor of Brazil, Pedro I, was a member of which country's royal family?
6. Name four current countries that were once part of Gran Columbia (need all 4, no partial credit)
7. Which anti-US American president of Venezuela died in 2013?
8. Which Latin American country won the 2022 FIFA World Cup?
9. Which country secured its independence through the leadership of Bernardo O'Higgins?
10. What Colombian novelist was famous for works such as *Love in the Time of Cholera*? **(we need two last names for the point, no partial credit!)**

Green Checkpoint Quiz: Renewable Energy

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First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. The Bay of Fundy could be a good source of what renewable energy, as it has the highest type of what in the world?
2. Which dam in Washington state is the USA's largest power plant?
3. What is a car with a gas engine and an electric engine called?
4. Which US state generates the most solar power?
5. What island country produces most of its power from geothermal energy?
6. Which country, by far, generates the most megawatts of wind power?
7. What term describes adding no more greenhouse gases to the atmosphere than we take away?
8. Which small Asian country is the only one to effectively generate all its power from hydroelectricity?
9. Namibia generates more of its power on a percentage basis from what source than any other?
10. Ørsted and Vestas are companies that are based in which country that produces a greater % of its power from wind energy than any other?

Orange Checkpoint Quiz: The Environment in Literature and the Arts

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First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. What Latina TV cartoon character “celebrates Earth Day” in a children’s book?
2. What Academy Award winning documentary featured Emperor Penguins on the move?
3. Don Quixote confuses giants for what power source?
4. Which painter of birds became the namesake for the largest bird protection society in the USA?
5. Ansel Adams Gallery became famous for photographs of what California National Park?
6. *An Inconvenient Truth* was a documentary that featured which former politician?
7. Joni Mitchell’s song “Big Yellow Taxi” has the lyric “They pave paradise and put up a (what)?”
8. Rachel Carson’s breakthrough book that took its title from a John Keats poem is titled what (the book, not the poem)?
9. *The Year of the Flood* is a book exploring the repercussions of climate change by what author of *The Handmaid’s Tale*?
10. Which American poet of “Trees” was tragically killed in World War I?

Black Checkpoint Quiz: Natural Disasters

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First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. The city of Pompeii was destroyed by the eruption of what volcano?
2. Giant waves that are caused by earthquakes or volcanic eruptions under the sea are called what?
3. The period of severe windstorms in the 1930s that devastated the agriculture and ecology of the US and Canadian prairies was called what?
4. Which French territory in the Indian Ocean was struck by Cyclone Chido in December 2024?
5. A tropical storm is considered a hurricane when its sustained wind speeds reach how many MPH?
6. In 2011, a 15-metre tsunami disabled the power supply and cooling capacity of what nuclear power plant?
7. The Exxon Valdez oil spill was a disaster that occurred what in Alaskan sound?
8. A limnic eruption, by definition, occurs in what type of body of water?
9. Which river, known as Huang He in Chinese, is often known as “China’s sorrow” due to its frequent flooding?
10. What large ship that sank in a storm on Lake Superior became the namesake of a Gordon Lightfoot song?

Yellow Checkpoint Quiz: In and around San Juan

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First Name_____ Last Name_____ Number_____

State (if USA) _____ or Country Represented_____

1. What are the names of San Juan's two fortresses?
2. Is San Juan on the north, south, east or west coast of Puerto Rico?
3. What is San Juan's premier beach and residential neighborhood, which is home to Robinson School?
4. What entertainment center that is named for a telecoms company hosts the official Spanish-language countdown of Dick Clark's New Year's Rockin' Eve?
5. In what year was San Juan founded?
6. A museum in San Juan is dedicated to what Catalan-Puerto Rican cellist?
7. The tomb of Spanish explorer Juan Ponce de León is located in what cathedral?
8. What is the name of the sanctuary dedicated to the saints of health with two José Campeche paintings?
9. What is the oldest theater in Puerto Rico, also known as the municipal coliseum?
10. Games were held in San Juan in 2006, 2009, and 2013 as part of the "classic" tournament that is regarded as the world championship in what sport?

Brown Checkpoint Quiz: Herpetology Exam (can include dinosaurs)

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First Name_____ Last Name_____ Number_____

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1. Most scientists agree that non-avian dinosaurs were wiped out by what?
2. What miniature tree-frog is known as a symbol of Puerto Rico?
3. Which introduced snake has wrought ecological havoc in the Everglades?
4. Roughly half the world's chameleon species live on which island?
5. Which world's largest lizard lives in Indonesia on several islands, including on a namesake one?
6. With about half the world's total, which country has the world's most annual fatal snakebites?
7. Which genus of dinosaur had a back consisting of rounded plates with a spiked tale?
8. Which type of now critically endangered salamander was native to Lake Texcoco?
9. What is the hard upper shell of a turtle, crustacean, or arachnid called?
10. What genus of bird-like dinosaurs means "ancient wing" in Greek?