



6th GRADE  
WARM-UP  
15 MINUTES

Google

# PASSPORT WARM-UP - 6th GRADE

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## GOOGLE EARTH USAGE OVERVIEW:

Teachers can use [I'm Feeling Lucky](#) and [Street View](#) in Google Earth to randomly select a location in the world and **relate it to multiple content areas**. Teachers can also choose to preselect a location that lends itself well to relevant standards and objectives using [Search](#) or [Voyager Stories](#).

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## LESSON SUMMARY:

- Passport Warm Up is an engaging daily routine in which students **review** geography, math, science, social studies, ELA and current events objectives.
  - This activity is designed to be **independent practice** for students that requires minimal to no direct instruction on the part of the teacher.
  - Teachers can choose from the standards based example questions listed below, or use them as inspiration to generate their own questions.
  - To stay within the 15 minute time frame, teachers should use **1-2 questions per subject**.
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## LEARNING OBJECTIVES:

- Students will engage in **daily review** of sixth grade geography, math, science, social studies, ELA and current events concepts.
  - Objectives will vary widely based on teacher determined review concepts.
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# SUGGESTED STANDARDS

## 6th GRADE

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**GEOGRAPHY:** [Geography Essential Elements and Standards, Grade 6, World in Spatial Terms, Standard 3](#)- How to analyze the spatial organization of people, places and environments on the Earth's surface.

[Geography Essential Elements and Standards, Grade 6, Environment and Society, Standard 14](#)- How humans modify the physical environment.

[Geography Essential Elements and Standards, Grade 6, Environment and Society, Standard 15](#)- How physical systems affect human systems.

[Geography Essential Elements and Standards, Grade 6, Uses of Geography, Standard 16](#)- How to apply geography to interpret the past.

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**MATH:** [CCSS.MATH.CONTENT.6.RP.A.3](#)- Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations.

[CCSS.MATH.CONTENT.6.EE.C.9](#)- Represent and analyze quantitative relationships between dependent and independent variables.

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**SCIENCE:** [NGSS.MS-LS1-4](#)- Use argument based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively.

[NGSS.MS-LS1-5](#)- Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

[NGSS.MS-LS2-1](#)- Analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.

[NGSS.MS-LS2-3](#)- Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.

[NGSS.MS-ESS1-1](#)- Develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.

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# SUGGESTED STANDARDS

## 6th GRADE Continued

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SOCIAL STUDIES: [CCSS.ELA-LITERACY.RH.6-8.7](#)- Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

[CCSS.ELA-LITERACY.RH.6-8.8](#)- Distinguish among fact, opinion, and reasoned judgment in a text.

\*Additional social studies standards vary state by state.

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ELA: [CCSS.ELA-LITERACY.RI.6.1](#)- Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

[CCSS.ELA-LITERACY.RI.6.9](#)- Compare and contrast one author's presentation of events with that of another (e.g., a memoir written by and a biography on the same person).

[CCSS.ELA-LITERACY.W.6.1](#)- Write arguments to support claims with clear reasons and relevant evidence.

[CCSS.ELA-LITERACY.W.6.2](#)- Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.

[CCSS.ELA-LITERACY.W.6.3](#)- Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.

[CCSS.ELA-LITERACY.L.6.5](#)- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.

[CCSS.ELA-LITERACY.W.6.7](#)- Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.

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TIME: 15 minutes

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MATERIALS NEEDED:

- Access to Google Earth [“I’m Feeling Lucky”/Voyager](#).
- Student copies of Passport Warm Up Student Response Template.

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IMPLEMENTATION GUIDE:

1. Select the subjects, standards and questions that are appropriate to your class.
2. Provide each student in your class with a copy of the Passport Warm Up Student Response Template (below).
3. Use [I’m Feeling Lucky](#) to “roll the dice” and randomly select a location in the world OR pre-select a location using [Search](#) or a [Voyager Story](#).
4. Students respond to the questions using a print out of the Student Response Template (below) OR teachers can share the Student Response Template using [Google Classroom](#).
5. When relevant, use [Street View](#), [Google Search](#) and [Wikipedia](#) to gather the information needed for students to answer the questions about that location. Students can work independently or with a partner to search for information needed.
6. Allow time for students to share their answers with the class.
7. Quick Tip: Track your classroom’s “travels” using [Google Tour Builder](#)!

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CREDITS: Written by Sarah Schwartz Johnson in collaboration with Jason Wallis.

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\*Note - this template is designed for teachers to modify for use with their grade level and standards.

# STANDARDS BASED EXAMPLE QUESTIONS

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## GEOGRAPHY:

- Name the region, country and continent of this location. Name the surrounding bodies of water.
  - What is the latitude and longitude of this location? Name the hemisphere in which it is found.
  - Describe this location relative to where you are using cardinal directions. Be precise.
  - Identify an example of how humans have changed the physical environment of this location. What is one positive outcome of this change? What is one negative outcome of this change?
  - Name one opportunity and one constraint to human activities that this environment provides. (i.e. weather, landscape, terrain, etc.)
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## MATH:

- What is the currency of this location? Research the conversion rate for \$1. Calculate the conversion rate for \$5, \$25, \$50 and \$100.
  - What is the current population of this location? The census estimates that in the next year, the population will grow by 15%. Write and evaluate an expression to represent this growth.
  - Research the mean and median annual temperature for this location. Write an explanation of the difference between the two measurements.
  - Use the ratio 1 foot = 12 inches to convert the area of this location in square feet into square inches.
  - Use the formula  $T(^{\circ}\text{C}) = (T(^{\circ}\text{F}) - 32) \times 5/9$  to convert the temperature from degrees Fahrenheit to degrees Celsius.
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## SCIENCE:

- Research an example of a plant or animal in this location and describe a specific behavior that increases its odds of survival in this environment.
  - Research one specific example of how the environmental factors of this location contribute to the growth of an organism (plant or animal).
  - Research an example of an organism whose population is currently being threatened or is already extinct in this location. Identify the environmental factors that caused the decrease in population.
  - Research an example of a food web in this location that includes at least one producer, consumer and decomposer represented.
  - Refer to your model of the Earth-sun-moon system and this location's position on the Earth to determine what season it will be in the month of December. Explain your reasoning.
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# STANDARDS BASED EXAMPLE QUESTIONS CONTINUED

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- SOCIAL STUDIES:
- Write the name of the country, region and continent of this location. List all the countries that share borders with this location's country.
  - Research the biggest industry of this location. What does that tell you about how people make a living there?
  - Research the type of government that is used in this location. Is it the same or different than the government where you live?
  - Research the earliest record of civilization from this location. Write a newspaper headline telling about your findings.
  - Write one fact and one opinion about this location.

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- ELA:
- Research a historical event that took place in this location. Write a summary of the event and its significance. Use specific details from your research to support your answer.
  - Identify or research one example of how humans have changed the physical environment of this location. Overall, was this change positive or negative? Use specific details to support your answer.
  - Write a short story that takes place in this setting that includes all plot elements and detailed sensory descriptions.
  - Write 3 examples of personification based on this location.
  - Imagine you are a student living in this location. Write a journal entry telling about the events of your day. Use location specific details and sensory descriptions in your account.

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- CURRENT EVENTS:
- Research the latest news in this location. Write a paragraph telling about the event and why it is newsworthy.
  - Research the latest news in this location. What information can you infer about the demographics of a place based on the local news? (Is it urban, suburban or rural? Is the community working class, middle class or wealthy? etc.)
  - Research the biggest challenges facing this location. How are they similar to those facing the community in which you live? How are they different?
  - Write one fact and one opinion about this location.
  - Imagine you are a local news reporter. Write a list of topics you would be interested in investigating in this location.
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# STUDENT RESPONSE TEMPLATE:

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Welcome to:

<b>GEOGRAPHY</b>	
<b>MATH</b>	
<b>SCIENCE</b>	
<b>SOCIAL STUDIES</b>	
<b>ELA</b>	
<b>CURRENT EVENTS</b>	