**Indus River Valley Civilization**

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| **Your Name:** Trisha Beining, Jennifer Dilcher, Christine Price | **Grade Level:** 6 |
| **Lesson Topic:** Understanding the location of the Indus River Valley Civilization through the use of maps | **Lesson 2 of 10** |
| **Geography Themes:** Location and Region |  |

**Lesson Summary**

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| In this lesson, students will be taking a trip to the Indus River Valley Civilization by using Google Earth. Students will apply concepts related to latitude and longitude, as well as other map skills to label the present-day locations of the Indus River Valley Civilization as part of their journey.  |

**Content Statements and Objectives**

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| *History:**Content Statement #2*: Early civilizations (India, Egypt, China and Mesopotamia) with unique governments, economic systems, social structures, religions, technologies and agricultural practices and products flourished as a result of favorable geographic characteristics. The cultural practices and products of these early civilizations can be used to help understand the Eastern Hemisphere today.*Geography:* *Content Statement #3:* Globes and other geographic tools can be used to gather, process and report information about people, places and environment. Cartographers decide which information to include and how it is displayed.*Content Statement #4:* Latitude and longitude can be used to identify absolute location.Objectives:1. Students will utilize technology resources (Google.Earth) to investigate and research the present-day area of the Indus River Valley Civilization
2. Students will apply map skills to label the present day locations of the Indus River Valley Civilization and other general map features using lines of latitude and longitude for reference
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**Resources/Materials**

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| Materials:* Computers with Internet Access
* Smartboard or projector
* Paper map (see link below)
* Colored Pencils
* Assignment Task Sheet

Resources:* Access to Google.Earth
* Access to the following site: <http://olc.spsd.sk.ca/DE/k9mod/mapskill/mod3fl5.swf>
* Paper maps printed from the following site: <http://www.teachervision.fen.com/tv/printables/scottforesman/SSMAP003.pdf>
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**Procedures**

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| **Lesson Focus:** 1**.** As students enter the classroom for the day, they will receive a large paper suitcase. and a printable world map handout, accessed from <http://www.teachervision.fen.com/tv/printables/scottforesman/SSMAP003.pdf>. The teacher will explain that students will be starting their first day on their journey to the Indus River Valley Civilization. Students must keep their passport in their suitcase to ensure they can verify their identity at any time as they start their travel quest. 2. The teacher will motivate students by utilizing the features and resources of Google.Earth to lead students to the home of the Indus River Valley Civilization people. Teachers will divide students into groups of 2-3. Each group will be given a computer where students will use application Google.Earth to travel to the Indus River Valley (modern day Pakistan). Teachers will direct students to locations such as Harappa, Pakistan, the Indus River Valley, and Mohenjo-Daro. Students will explore the current area of the Indus River Valley Civilization by using the features of Google.Earth (the ancient city is buried below the present day cities). **3.** As students are working on step 2, teachers will distribute an assigned task sheet which will provide students with instructions of tasks that need to be completed as part of this lesson (*See assignment task sheet).* Students will complete the task sheet, labeling features on the map and answering questions from their exploration in Google.Earth. 4. Students will reconvene at the end of class. Teachers can pull up a copy of the map on the Smartboard at the front of the room. Each group of students will be called to label a feature on the map as done in the assigned activity. Students can check their answers for accuracy. 5. Students will receive a stamp in their passport for the completion of the map and assignment task sheet (these items should also be returned to their suitcases upon grading). **Assessment/*Evaluation:*** Informal: Students will be assessed informally as they work in groups to fill in their Assignment Task SheetsFormal: Students’ assignment task sheets will be collected, as well as their maps. Both of these assignments will be graded for completion and accuracy. Any individual students or groups of students who received less than a 70% will be re-taught key concepts and skills in order to obtain mastery. **Differentiation:*** Takes place through teacher’s ability to know and understand their student’s capabilities.
* Teacher decided small groups
* Students can use actual globe or map with string to more accurately plot points.
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***Indus River Valley Civilization – Map Skills Assignment Sheet***

1. **On your printable map, label the following in red: The Equator, The Prime Meridian, The Northern Hemisphere, The Southern Hemisphere, The Eastern Hemisphere, and the Western Hemisphere (Refer to the following website if you need help references:** [**http://olc.spsd.sk.ca/DE/k9mod/mapskill/mod3fl5.swf**](http://olc.spsd.sk.ca/DE/k9mod/mapskill/mod3fl5.swf)**)**
2. **Using Google.Earth, identify the latitude and longitude coordinate points of the following cities: On your printable map, put a \* where Harappa is and list the coordinate points in orange. For Mohenjo-Daro, also put a \* and list the coordinate points in brown.**

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| Harappa, Pakistan | Mohenjo-Daro, Pakistan |
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1. **Was the Indus River Valley Part of the Eastern Hemisphere or Western Hemisphere? How do you know?**

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1. **Locate our school on the map. Place an \* where our city is and label the points of latitude and longitude for our city in purple.**

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| Coordinate Points: Our City |
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1. **Draw a line that connects our city to Harappa on the map in black.**
2. **Color the bodies of water blue and the other continents green.**
3. **How many miles is Harappa from our school?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_