**Indus River Valley Civilization PBL Description**

**Problem:** You and your friends know that the science behind time travel and a time machine aren't that far away from being discovered.  In your quest to learn more about the technology you discover a contest online.  A man named Dr. Time Warp claims he has invented the first time machine and needs a special team of people with an important mission to be the first people ever to travel back in time.  Not only do you and your friends want to win the contest, but you want to see your names in the history books forever as the first team of people to time travel!  The contest rules say you must provide a critical mission with extreme importance to be chosen.  It just so happens that you and your friends have the best mission idea ever: To travel back in time to gather, collect, and observe details about the Indus River Valley civilization so you can share your discoveries with the world and explain details that are missing from archeologists observations of the mysterious civilization.  Can you help uncover unknown information about the Indus River Valley civilization?  How come it seems like the civilization just disappeared? What language are the symbols in and what does it say?

**The Project**:  Your project is to create a video, 3D design, or another agreed upon product that shows everything you know about the Indus River Valley civilization and what you NEED to know more about but can't find in the history books or online (in relation to the five themes of geography).  You must also include a very convincing reason of why you and your team should be chosen to go on this once-in-a-lifetime, record-making trip.  Your creation should include the following elements (described visually, verbally...any way which you feel is best):

* Movement: types and means of transportation, examples of goods that were transported, example of ideas that were transported through technology
* Place: physical characteristics (mountains, rivers, etc.) and human characteristics (religion, food, architecture, land use, etc)
* Human and Environment Interactions: ways the environment affected how people lived; ways people manipulated the environment to live; ways humans adapted to the environment to live; positive and negative effects people had on the environment
* Location: description of relative and absolute location with an included map
* Region: description of area based on its formal or functional region

**Development of Rubric**

 This rubric was developed to allow students to be actively engaged in producing a product while learning about the details of the Indus River Valley civilization and connecting it to the five themes of geography as we will study throughout the year. The rubric allows me to assess if the students have incorporated all the key information included in the essential questions.

**Indus River Valley PBL Rubric**

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| --- | --- | --- | --- | --- |
|  | **10** | **8** | **6** | **2** |
| **Final Product** | The product you chose for your final product was creative and displayed the information in an excellent way. The product is neat, visually appealing, and describes with a strong and convincing argument why your team should be chosen to travel back in time.  | The product you chose for your final product was creative and displayed the information in a good way. The product is visually appealing, and describes with a supporting argument why your team should be chosen to travel back in time.  | The product you chose for your final product was ordinary and displayed the information in a way that was confusing at times. The product is somewhat sloppy and provides a weak argument why your team should be chosen to travel back in time.  | The product you chose for your final product was not creative and the information displayed was very confusing to understand. The product looked as if you compiled it at the last minute with little effort. Your team is missing an argument of why you should be chosen to travel back in time.  |
| **Movement** | In your project, you included two examples from each of the following topics:* types and means of transportation
* examples of goods that were transported
* examples of ideas that were transported through technology
 | In your project, you included one example from each of the following topics:* types and means of transportation
* examples of goods that were transported
* examples of ideas that were transported through technology
 | In your project, you only have examples of one of the following topics:* types and means of transportation
* examples of goods that were transported
* examples of ideas that were transported through technology
 | In your project, you are missing examples in regards to the movement of the Indus River Valley civilization. |
| **Place** | In your project, you included three examples from each of the following topics:* physical characteristics (mountains, rivers, etc.)
* human characteristics (religion, food, architecture, land use, etc.)
 | In your project, you included two examples from each of the following topics:* physical characteristics (mountains, rivers, etc.)
* human characteristics (religion, food, architecture, land use, etc.)
 | In your project, you included one example from each of the following topics:* physical characteristics (mountains, rivers, etc.)
* human characteristics (religion, food, architecture, land use, etc.)
 | In your project, you are missing examples in regards to place and how it relates to the Indus River Valley civilization. |
| **Human & Environmental Interactions** | In your project, you included one example from each of the following topics:* one way the environment affected how people lived
* one way people manipulated the environment to live
* one way humans adapted to the environment to live
* one positive and negative effect people had on the environment
 | In your project, you included examples from only three of the following topics:* one way the environment affected how people lived
* one way people manipulated the environment to live
* one way humans adapted to the environment to live

one positive and negative effect people had on the environment | In your project, you included examples from only two of the following topics:* one way the environment affected how people lived
* one way people manipulated the environment to live
* one way humans adapted to the environment to live

one positive and negative effect people had on the environment | In your project, you are missing examples of human and environmental interactions of the Indus River Valley civilization. |
| **Location** | Your project includes:* the relative and absolute (latitude and longitude) location of the Indus River Valley
* a map showing the location of the Indus River Valley
 | Your project includes the following but they are not accurate or the map is carelessly created:* the relative and absolute (latitude and longitude) location of the Indus River Valley
* a map showing the location of the Indus River Valley
 | Your project is missing one of the following:* the relative and absolute (latitude and longitude) location of the Indus River Valley
* a map showing the location of the Indus River Valley
 | In your project, you are missing all examples in regards to location of the Indus River Valley civilization. |
| **Region** | Your project includes a *detailed* description of the Indus River Valley based on its formal or functional region | Your project includes a description of the Indus River Valley based on its formal or functional region | Your project includes an incomplete or inaccurate description of the Indus River Valley based on its formal or functional region | Your project does not include a description of the Indus River Valley based on its formal or functional region |
| **Total Points**  | \_\_\_\_\_\_\_\_\_\_/ 60 |