

Planet Game

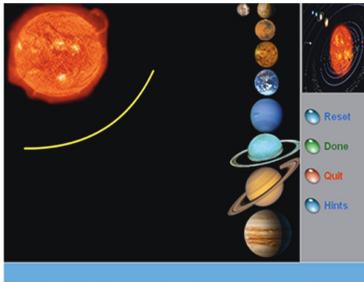
Before

- Little to no content
Whatever content existed was incorrect

Example of content before:

- *Mercury is the closest planet to the sun and is the hottest planet in the solar system.*

- Unfinished aesthetics

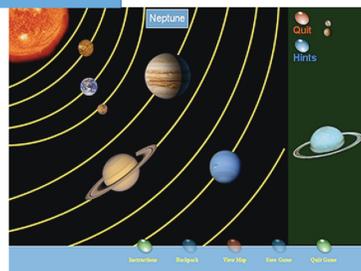
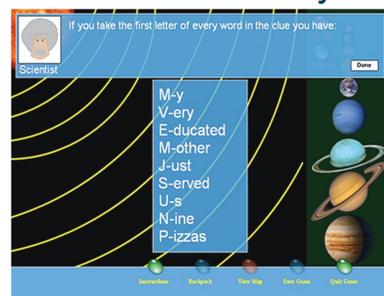


After

- New and improved content

Mercury is the closest planet to the sun. It is a little larger than the Earth's moon. The largest crater in the solar system is on the surface of Mercury and it is named Beethoven. Even though Mercury is a very hot planet, there is ice in areas that are covered by shadows. Mercury has no moons.

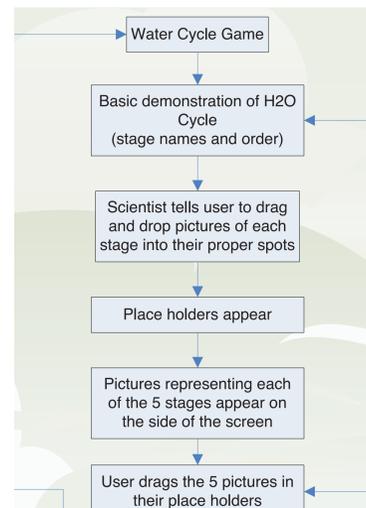
- More user friendly and aesthetic



The Water Cycle Game

- Planned flow of game
- Researched and developed content
- Designed scientist introduction

Flow chart example



Content example

The water cycle has five stages: storage, evaporation, condensation, precipitation and infiltration.

The first step of the water cycle is called storage. 71% of the earth's surface is water and 96% of that water is stored in the oceans. There is also water stored in ice around the world. About 10% of the land on earth is covered by ice.



Game explanation

The game will provide students with a basic explanation of the water cycle by taking them through the cycle. Students will then be asked to place the stages of the water cycle in the correct order. Once placed, the student may click on any of the stages to learn more information. Then, the student will be quizzed on this information once they go through all five stages.

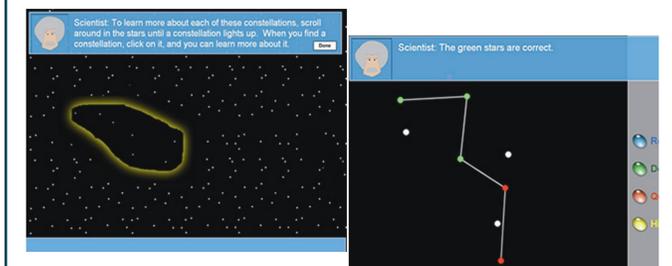
Constellation Game

Before

- Content was too difficult to read
- Design inconsistencies prevalent

Example of content before:

This is the constellation Orion. Orion is known as the Great hunter. The Ancient Greeks believed that Orion was stung by a scorpion and died. The Gods felt sorry for him, so they put him in the sky so he can hunt forever. Orion is made up seven important stars; two for his hands, two for his feet, and three for his belt. The three stars that make up Orion's belt are in a straight line, and some of the brightest stars in the night sky. Click all the stars that are in the constellation Orion. When you think you are finished, press the done button.

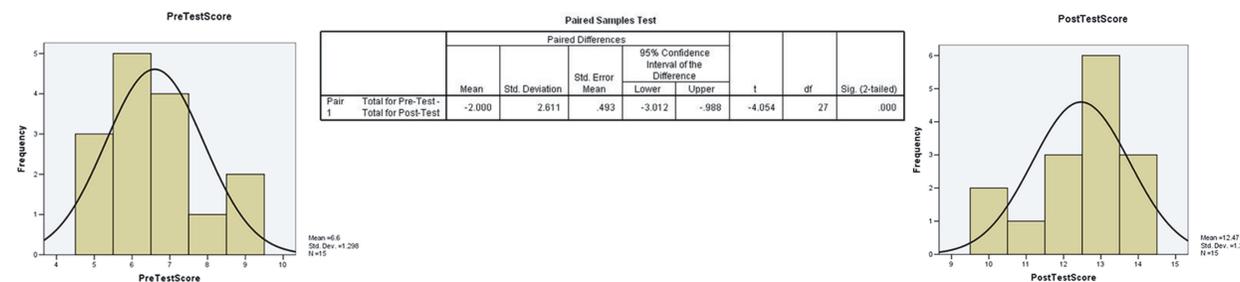


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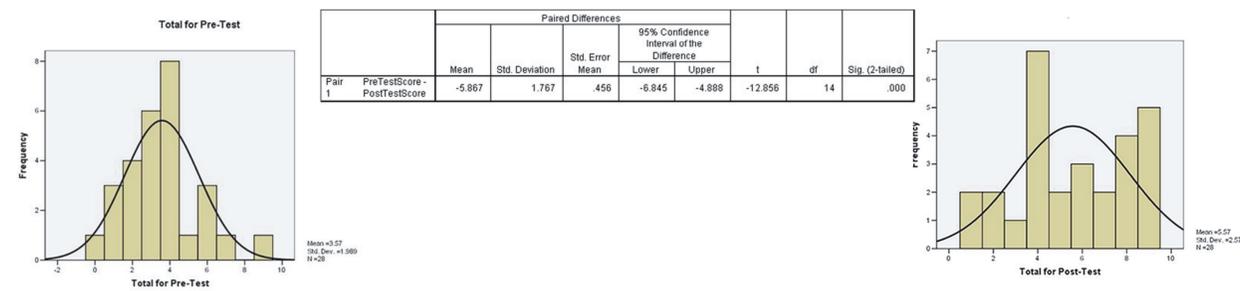
- New and improved content

This is the constellation Orion. Orion is known in Greek mythology as the great hunter. Orion is found in the sky during October through March. You can find Orion by three bright stars that are in a line—these are his "belt." Look at Orion carefully. The stars that are connected by lines belong in the constellation. The stars that are not connected do not belong. Try to find all the stars that belong to Orion. When you are done, click the done button.

- Overall user interface improvement



School Testing Results



Planet Game

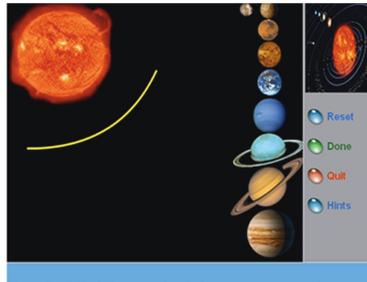
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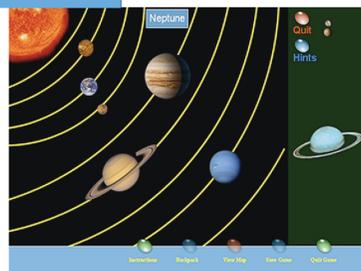
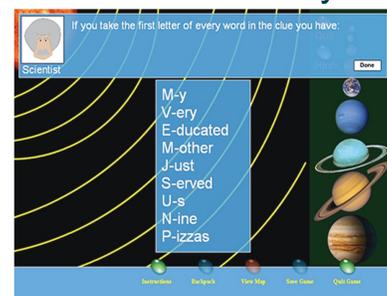


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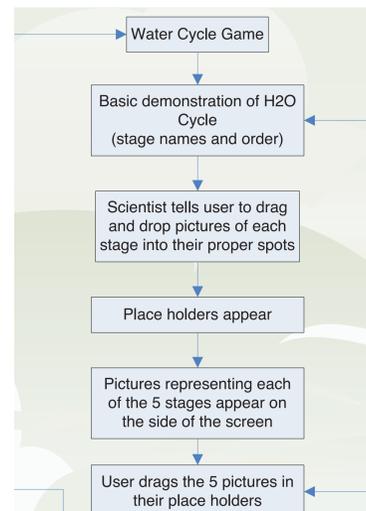
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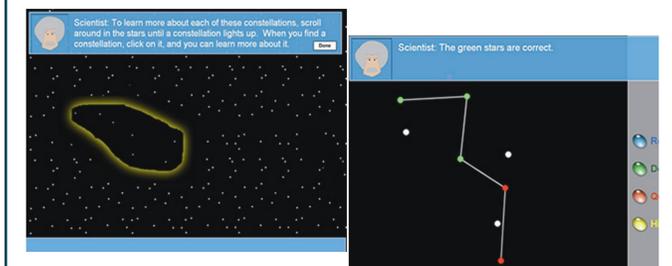
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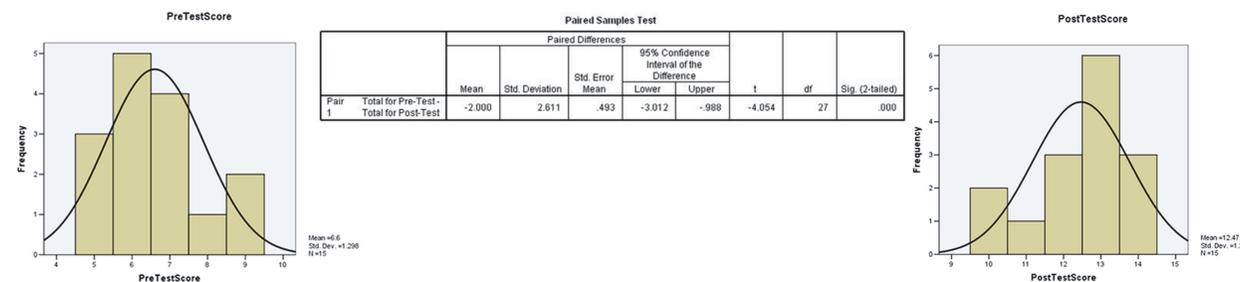


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