

## Our Blue Planet

**WebQuest Description:** Interstellar travelers visit Earth to identify surface water features and to share what they learn with the inhabitants of Erzar.

**Grade Level:** K-2

**Curriculum:** Science

**Keywords:** river glacier surface water lake

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## Evaluation

| Category and Score |  |  |  |             | Score |
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## Introduction

Where is water found on Earth? You have traveled 8 light years to learn about Earth's surface water system. The inhabitants of Erzar are seeking knowledge about Earth's surface water so they can make their planet more comfortable for Earthlings to visit. Your mission is to learn about different surface water features and share your knowledge with the Erzarian scientists.

## Tasks

To: Erzarian Explorers Mission: 1. Map and describe the surface water features in your district. 2. Share information with your team. 3. Prepare a power point to show the Erzarian scientists.

## Process

To: Erzarian Explorers Erzarian scientists discovered water exists on Earth in 3 states of matter at the same time! The 3 states of matter are: liquid, solid and gas. You will only be looking for evidence of water on the surface of Earth as a solid or liquid. Your team will explore your assigned Earth district observing the states of water (solid and/or liquid) found in your district. On a map you will show where some of these water features are in your district and describe what the water features look like. Your assigned district is noted on the file. After you receive your file, click on the button on the left that says: Water Terms.

To prepare for your mission, you will need to learn 3 surface water features: river, lake and glacier. Each team member will make one flashcard. Decide who will make the flashcard for river, lake or glacier. - On one side of the flashcard you will describe the water feature and its land features. On the other side you will paste images that support your descriptions. 1. Read the definition for the water feature, then write a definition in your own words. - Look at the 4 images to help you write about your water feature. 2. Describe what the water feature looks like. Shape? Solid? Liquid? Color? 3. Describe the land around the water feature. - Find images to copy and paste into a word document. Later you will place these images on the other side of your flashcard.

As you fly over North America to observe solid and liquid water features, you will show where certain water features are on your map and write observations too. Let's go!

