

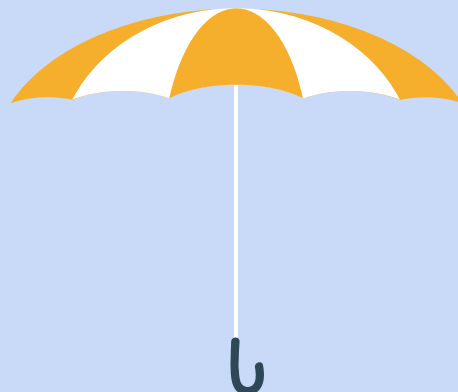
# Runoff Research Project

In your groups, you choose a way to present research to the class about one specific type of runoff. Review the photographs in the National Geographic article, "Runoff". Choose one type of runoff for your group research.

You may choose to create a slideshow, design an informative poster, or develop a diorama demonstrating and elaborating upon the runoff of your choice. You will be researching this type of runoff, creating a presentation, and then conducting a gallery walk to teach the class what you have discovered. Before you begin working, be sure to review the rubric. The rubric will inform your work.

## **All Presentations Must Include:**

- Definition of the specific type of runoff
- Explanation of how it occurs
- An explanation of the runoff impact on the human environment
- At least three methods that humans are using to manage the negative impacts
- One fact that you found particularly interesting



# Runoff Research Project Rubric

Area of Assessment	3	2	1
Definition of the specific type of runoff	The definition is thorough (5-7 sentences) and accurately depicts the type of runoff.	The definition accurately depicts the type of runoff, but may be too brief.	The definition is missing key components, or does not accurately explain the type of runoff.
Explanation of how it occurs	The explanation is thorough (5-7 sentences) and accurately depicts how the runoff occurs.	The explanation accurately depicts how the runoff occurs, but may be too brief.	The explanation is missing key components, or does not accurately explain how the runoff occurs.
Explanation of the runoff impact on the human environment	The explanation is thorough (5-7 sentences) and accurately depicts how the runoff impacts the human environment.	The explanation accurately depicts how the runoff impacts the human environment, but may be too brief.	The explanation is missing key components, or does not accurately explain how the runoff impacts the human environment.
The methods that humans are using to manage the negative impacts	The project discusses at least three different examples of methods with detailed explanations of the benefits of each.	The project discusses three different examples of methods with brief explanations that do not fully cover the benefits of each.	The project discusses fewer than three different examples of methods being used to manage negative impacts.
One fact that you found particularly interesting	The project highlights at least one key interesting fact about their type of runoff in at least three sentences.	The project highlights at least one key, interesting fact about their type of runoff in 1-2 sentences.	The project highlights at least one key, interesting fact about their type of runoff, but it is presented as a sentence fragment.
Oral presentation to the class	The project is presented to the class in an accessible manner that ensures all students can learn from it. The time limit of 5-7 minutes is met.	The project is presented to the class, but may be confusing. The presentation does not meet the time limit.	The project presentation does not meet the time limit, and does not convey information to the class.