Conservation Scale

|  |  |
| --- | --- |
| 4 | In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught. |
| 3 | ***Goal*****Analyze ways engineers are involved with 3RC (reduce, reuse, recycle, conserve) in terms of water availability** |
| 2 | * Describe current solutions to water availability
* Create a solution to the Pet Wash challenge
* Design a model of a boat
* Organize real-world data about water usage
* Write a narrative nonfiction story about the water cycle
* Experiment with methods and devices to measure and modify the flow of water to reduce usage
* Experiment with ways to physically and chemically clean water, including constructing a filter
* Analyze drainage patterns in a watershed to find point and nonpoint pollution
* Investigate and diagram the movement of water through the water cycle and the role of aquifers.
* Conduct research about the environmental health and human usage of rivers around the world.
* Describe how water environments change over time.
* Compare and contrast the design challenge to the real-world Grand Challenge, Provide Access to Clean Water.
* Investigate the amount of fresh water on Earth
* Describe why water is important
* Defines vocabulary
 |
| 1 | With help, partial success at score 2.0 content and score 3.0 content |