Conservation Scale

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| 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 |