

Down To Earth: Mission Rehydrate

Criteria	Accomplished	Proficient	Developing	Beginning
Standard/ Objective	Thoroughly tests the water filter with various media and accurately determines which filter media performs best based on water clarity, volume collected, and filtration speed.	Tests the water filter with various media and determines which filter media performs best based on water clarity, volume collected, and filtration speed.	Tests the water filter with some media and attempts to determine which filter media performs best based on water clarity, volume collected, and filtration speed.	Does not thoroughly test the water filter with various media or determine which filter media performs best.
Data Collection and Observation	Accurately records all data and makes detailed observations. Makes insightful reflections on the performance of different filter materials.	Records most of the required data and makes observations. Makes some reflections on the performance of different filter materials.	Records some of the required data, but is missing key information. Observations are limited. Reflections on the performance of different filter materials are basic.	Does not accurately record the required data or make meaningful observations and reflections on the performance of the different filter materials.
Design and Construction	Constructs a well-designed and functional water filter. The filter effectively removes contaminants and produces clear, filtered water.	Constructs a functional water filter. The filter removes some contaminants and produces reasonably clear, filtered water.	Constructs a water filter, but it has some design flaws that limit its effectiveness in removing contaminants and producing clear, filtered water.	Does not construct a functional water filter or the design is severely flawed, resulting in poor performance in removing contaminants and producing clear, filtered water.
Communication and Presentation	Clearly and effectively communicates their findings. The student presents their work in a well-organized and visually appealing manner.	Communicates their findings. The student presents their work in an organized manner.	Communication of their findings is somewhat limited or disorganized.	Communication of their findings is unclear, with missing or inaccurate information. The presentation is disorganized and lacks visual appeal.