

<b>Presentation Format and Organization (15 points)</b> <i>Category Points:</i>	Preparation for presentation is <b>minimal</b> AND delivery is <b>disorganized/unclear</b> OR <b>no presentation</b> was prepared (0 points)	Presentation is <b>somewhat</b> organized AND only includes <b>1 of the required</b> components (global water issues, background research on HWT, experimental process, lessons learned) AND is <b>lacking in detail</b> (1-3 points)	Presentation is <b>mostly</b> organized AND: only includes <b>1-2 of the required</b> components (global water issues, background research on HWT, experimental process, lessons learned) OR is <b>lacking in detail</b> (4-7 points)	The presentation is <b>clear</b> and well <b>organized</b> AND includes <b>at least 2 of the required</b> components (global water issues, background research on HWT, experimental process, lessons learned) in <b>moderate detail</b> . (8-11 points)	The presentation is <b>clear</b> and well <b>organized</b> , includes <b>all required</b> components global water issues, background research on HWT, experimental process, lessons learned) in <b>good detail</b> . (12-15 points)
<b>Presentation Engagement and Participation (15 points)</b> <i>Category Points:</i>	Presentation delivery is <b>not very engaging</b> (e.g., flat, no enthusiasm, no eye contact) AND <b>only 1 team member</b> participates. (0 points)	Presentation delivery is <b>not very engaging</b> (e.g., flat, no enthusiasm, no eye contact) OR <b>only 1 team member</b> participates. (1-3 points)	Presentation delivery is <b>somewhat engaging</b> (e.g., exhibits moderate interest, some eye contact) with <b>only some of the team</b> members participating (4-7 points)	Presentation delivery is <b>engaging</b> (e.g., enthusiastic and makes consistent eye contact) with <b>only some of the team</b> members participating. (8-11 points)	Presentation delivery is <b>engaging</b> (e.g., enthusiastic and makes consistent eye contact) with <b>all team members</b> participating equally. (12-15)
<b>Career research (15 points)</b> <i>Category Points:</i>	Career research was <b>not addressed</b> OR <b>only 1 career</b> was identified (but not discussed in depth). (0-2 points)	Career research only <b>briefly</b> discussed, sharing <b>only 2 -3 titles</b> OR descriptions (3-5 points)	Career research discussed with <b>some detail</b> , sharing <b>only 2-3 titles</b> AND descriptions. (6-8 points)	Career research discussed <b>3 or more</b> examples with <b>good detail</b> , BUT the career research is <b>not diverse</b> (9-11 points)	<b>Detailed</b> discussion of career research, including a <b>diversity</b> of career titles and descriptions of work done. (12-15 points)
<b>Technical Background (15 points)</b> <i>Category Points:</i>	<b>None</b> given OR <b>mostly in error</b> (0-2 points)	Demonstrates <b>understanding</b> and <b>successfully applies only 1</b> scientific and/or technical principle. (3-5 points)	Demonstrates <b>understanding</b> of and <b>successfully applies at least 2</b> scientific and/or technical principles (6-8points)	Demonstrates <b>good</b> understanding of relevant scientific, chemical terminology and/or technical principles, may or may not use multiple sources of evidence (9-11 points)	Demonstrates <b>thorough</b> understanding of relevant scientific, chemical terminology and/or technical principles using <b>multiple sources</b> of evidence (12 - 15 points)
<b>Filter Design and Construction (15 points)</b> <i>Category Points:</i>	<b>Poorly designed</b> filter with <b>flimsy</b> construction AND <b>little to no creativity</b> in design AND <b>no evidence</b> of technical background and research applied (0 - 2 points)	Construction has <b>some instabilities</b> with <b>minimal design creativity</b> AND <b>minimal evidence</b> of technical background and research applied. (3 - 5 points)	<b>Stable</b> construction AND filter design <b>may or may not be</b> creative AND evidence of technical background OR research applied. (6 - 8 points)	Construction is <b>stable and secure</b> AND demonstrates <b>creative design</b> AND evidence of <b>technical background and research</b> applied. (9-11 points)	<b>Well designed</b> filter with <b>strong and sturdy</b> construction AND <b>innovative</b> filtration design AND evidence of <b>technical background and research</b> applied. (12 - 15 points)
<b>Filter Performance (15 points)</b> <i>Category Points:</i>	Successful filtration of 200mL takes <b>over 300 seconds</b> OR successful filtration of 200mL is not reached. (0 - 2 points)	Successfully filters all 200 mL of water, but filtration takes between <b>241- 300 seconds</b> . (3 - 5 points)	Successfully filters all 200 mL of water, but filtration takes between <b>121 - 240 seconds</b> . (6 - 8 points)	Successfully filters all 200 mL of water, but filtration <b>takes between 61 - 120 seconds</b> . (9 - 11 points)	Successfully filters all 200mL of water in <b>60 seconds or less</b> . (12 - 15 points)
<b>Water Quality Rating - Appearance (15 points)</b> <i>Category Points:</i>	Dirty, cloudy, floating debris(0-2 points)	Milky, some floating materials, not clear, colored (3-5 points)	Lightly colored (6-8points)	Almost clear (9-11 points)	Clear (12 - 15 points)
<b>Water Quality Rating - Taste (15 points)</b> <i>Category Points:</i>	Not tasted (0 points)		Possibly tasted, strong flavor (1 - 5 points)	Drinkable, moderate flavor (6 - 10 points)	Drinkable, no aftertaste (11 - 15 points)
<b>Total Points (Sum of all Category Points):</b>					