

Life in a Bottle Design Challenge Rubric

Criteria	Level R	Level 1	Level 2	Level 3	Level4
Use of Class Time	extremely little construction was completed in class	very little construction was completed in class	most construction was completed in class	all construction was completed during class time	all construction, drawings and questions were completed during class time
Class Behaviour	frequently needed to be asked to return to task and had to be asked to leave the room	frequently asked to return to task	sometimes had to be asked to return to task	rarely needed to be asked to return to task	never needed to be asked to return to task
Group Dynamics	contributed extremely little to group and/or created conflict within the group	contributed little to the group	contributed less than average to the group	consistently contributed to the group	strong group contributor (leadership role was evident)
Constraints	4 or more constraints not met	met all but 3 constraints	met all but 2 constraints	met all but 1 constraint	met all constraints
Design of Eco-column	design fails to create a viable food web; organisms do not support each other	organisms were poorly chosen; some support each other in a highly limited way	organisms were somewhat well chosen; some support each other in a limited way	organisms were well chosen; they support each other well	organisms were extremely well chosen; they support each other in a highly significant way
Design Challenge Sketch and Final Drawing	incomplete	quite unclear, missed many instructions	unclear, missed some instructions	quite neat, followed all instructions	very neat, followed all instructions
Follow-up Questions	incomplete	evident lack of clarity in answers; showed very little reflection	some lack of clarity in answers; showed little reflection	answered clearly and showed reflection and thought	answered clearly and showed reflection and much thought/ insight

Self-evaluations are due at the end of the demonstration period. Self-evaluation level: _____
 Teacher evaluation level: _____