

Rubric

Science and engineering practices and core ideas	Proficient	Developing	Does not meet expectations
Role of Evaporation and Condensation (ESS2.C)	Students independently consider the importance of concepts of evaporation and condensation in their designs.	With support from the teacher, students consider the importance of the concepts of evaporation and condensation in their designs.	Students fail to consider the importance of evaporation and condensation in their designs.
Developing Possible Solutions (ETS1.B) AND Optimizing the Design Solution (ETS1.C)	Students develop a possible solution and then modify it based on their yields, drawing insight from other groups' designs.	Students develop a possible solution and then modify it based on their own yields.	Students develop a possible solution but fail to come up with modifications.
Analyzing and Interpreting Data AND Constructing Explanations and Designing Solutions	Students independently identify different groups' yields of fresh water and construct explanations for the success of different designs.	With support from the teacher, students identify different groups' yields of fresh water and construct explanations for the success of different designs.	With support from the teacher, students identify different groups' yields of fresh water but do not construct explanations for the success of different designs.