**Outline for student booklet**

1. Cover page (Title, Name, School, Date)

2. Background

* Draw BSF control model and label
* Write a brief description of BSF
* Write the research question

3. Group design

* Hypothesis and Research questions
* Describe how you will change your BSF design
* Describe the operation of BSF to test your hypothesis

4. Data

* Flow rate data
* pH data
* Turbidity data
* *E. coli* data
* General observations

5. Discussion and recommendations

* Data Analysis (Average Flow Rate, Influent and Effluent Quality)
* Do the data from your study support your hypothesis? Why or why not?
* If you had the opportunity to repeat this experiment what would you do differently?
* What changes would you recommend to the BSF to make it more effective and easier to use for people in developing countries?