The Engineering Design Process:

Step One: Identify the need/problem
What challenge do the Cambodian people face?

Step Two: Research the need/problem
What does the community need and what can they offer?

Step Three: Develop possible solutions
List possible materials and structures to be used for dam

Step Four: Select best possible solutions
Describe the best solution and explain why you chose it and how you will build it? (For more space, use backside.)

Step Five: Construct a prototype
Below sketch the dam that you designed and constructed

Step Six: Test and Evaluate Solution
How did your dam perform with water? Improvements?

Step Seven: Communicate the solution
In two sentences, describe the problem and your solution.

Step Eight: Redesign
Based on your experience and observations, what will you do differently next time to improve your dam?