

Project Proposal

A Better Future With Aquaponics

The project proposal clarifies a project and its purpose, necessity and general parameters. The plan is written at a general level with the information available at the inception of the project. Information from the project proposal will later be rolled into the project plan. Project sponsors should ensure that appropriate staff have been consulted in the project proposal process, i.e., site council.

The project proposal may be used as a reference throughout the project to ensure that the project is staying within its approved purpose. The project proposal should be completed and signed at the onset of a project, including approval authorizing the project, before any of the actual project tasks begin.

1. General Information

Project Name: **EWHS Aquaponics Club**

Project Initiation Date: Start tank testing by Aug 15st, 2017 and start club at EWHS by Sept 10th, 2017

Project Sponsor: Tabettha Clark

(The project sponsor is the person who initiated the project and is responsible for its completion and success.)

2. Project Purpose – *The project purpose describes WHY the project is being initiated, the benefit to the organization, and the impact if the project isn't completed. An example for a student information system might be "The purpose of this project is to replace an outdated student information system that no longer provides the data and functionality needed to meet district, state and federal requirements. A new system will provide the tools to meet these increasing demands and provide growth for future requirements."*

The purpose of this project is to inform and guide Edmonds Woodway High School students (in the club) about aquaponics, how the system works, why the system works, why it is important, how it is better than traditional agricultural farming, and to raise awareness of aquaponics. The benefit to this organization is that the students will be enlightened with all of the new information about aquaponics and how to start their own system, hopefully inspiring them to create their own.

3. Project Objectives – *The project objective is a measurable description of WHAT the project will produce. The project objective should be written so that it can be evaluated at the conclusion of the project to see whether it was achieved. An example for a student information system might be "Implement a new student information system district-wide by September 1, 2009."*

The project objective is to start an aquaponics club at Edmonds Woodway High School. The outcomes I expect the club to achieve are that the students learn about aquaponics, including everything I stated in the "project purpose." I also expect the club to have meetings throughout the school year, for each student do some type of activity related to aquaponics, and to continue the club into the future school years at Edmonds Woodway. I also hope that the project will produce students to start their own aquaponics tanks.

4. Project Requirements – *The requirements are high level events or items that must occur or be created in order for the project to be successful. Requirements should be measurable and testable. An example of a requirement for a student information system might be "A new student information system must produce all local, state and federal reporting according to the legal specifications provided by the requiring agencies." You may have several known requirements at the beginning of the project.*

The project requirements are that I need to be able to create the club at Edmonds Woodway High School, advertise the club to make students interested and join the club, have at least 8 students join the club, have a teacher agree to watch over the club as a side supervisor, and be able to set up an aquaponic system in the teacher's room. I would also need/require the club to continue throughout the whole school year.

5. Product Description – *The product description is a general level description of what the end product or service might look like, if known. An example for a student information system might be “A new student information system will most likely be Web-based, built on a common database such as Oracle or SQL, be tailored to K-12 education, and preferably already in use in another Washington school district.”*

I plan to start a club at my high school that will inform the students about aquaponics and how to maintain the club's system, inspiring them to create their own, while also inspiring other people to do as well. By the end of the school year, I plan on being able to portray to the students of the club the food we have grown with the aquaponics system at the school.

6. Cost and Budget Estimates – *Include what you know about potential costs and budget.*

The cost of my system would be pretty small. The items that will most likely cost the most are the test strips, pump, and tank to hold the fish in. I would be using recycled materials to build the plant holder therefore that costs \$0. The 5 gallon tank was \$15 from petco, the pump was \$11 from petco, the water testing materials was \$35 from petco, the pH up/down was \$11, water dechlorinator was \$5 from petco, and lastly fish from Aquarium co-op around \$35. Therefore, I think that the total budget would be around \$110 at the most.

7. Roles and Responsibilities – *Identify the key people involved in the leadership of the project, such as the project sponsor (person who initiated the project and is ultimately responsible for its success), project manager (who will lead the project), and key decision makers. The proposal does not need to identify the entire project team.*

The role of the key decision maker/project manager would be delegated to myself. Next I will plan with teachers, once the school year starts, to see if a teacher can partake as one of the project sponsor throughout the project. After creating a club, we will find some candidates that may be fit to also hold a leadership role in this club.

8. Project Considerations – *Describe what must occur in order for the project to be approved. An example for a student information system might be “This project will only be approved if council agrees on its need and budget is identified and available.”*

In order for this club to be approved, I must explain and show to the principal or the club administrator what my club is all about and how it will benefit the students. The school would not be involved in the cost of my aquaponic system, therefore, besides space and energy, I will need nothing more.

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| <input type="checkbox"/> The proposal is intended to positively impact student achievement. | <input type="checkbox"/> This is a data-driven proposal. |
| <input type="checkbox"/> This proposal is consistent with Board policies. | <input type="checkbox"/> Funding source(s) confirmed. |
| <input type="checkbox"/> This proposal is consistent with District and building goals. | <input type="checkbox"/> Compliance with bargained agreements |
| <input type="checkbox"/> The evaluation/effectiveness plan is viable. | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Any impact on other schools and departments generally is manageable. | <input type="checkbox"/> Council action required. |
| | <input type="checkbox"/> Board action required. |
| | <input type="checkbox"/> Proposal approved/denied? |

9. Signatures – *Include the names and signatures of the project sponsor and the council level administrator who authorizes the sponsor to proceed with the project. Add additional signatures as appropriate for each project. This may include department heads, the project manager, and key decision makers.*

Project Sponsor:	Name:	Signature:
Project Approval, Council:	Name:	Signature:
Other:	Name:	Signature:

10. Attachments – *List any attachments that may be relevant to the initiation of the project.*

Bernstein, Sylvia. "Aquaponics vs. Traditional Agriculture." The Way of the Future, New Society Publishers, 2011, innerself.com/content/living/home-and-garden/gardening/8654-aquaponics-vs-traditional-agriculture.html.