

Name: _____ Block: _____ Date: _____

Aquaponics Notes

aquaponics - _____

Pros	Cons

Diagram the aquaponics cycle – include notes and images from blog:

[Watch the UMaine Aquaponics Video](#)

1. In addition to fish, what other organism are scientists using as part of the aquaponics system at UMO?

2. What type of fish are they raising?

3, What types of produce are the scientists growing aquaponically at UMO?

4. What are three ways that the UMO aquaponic system is different than our classroom system?

[Read the NASA Aquaponics Article](#)

5. NASA challenged students to come up with a design to grow food where?

6. Define these terms:

aquaculture = _____

hydroponics = _____

7. The roots of the plants are exposed to the _____

as it flows through the pipe. As the plants absorb the _____

in the water, they also _____ it.

8. "The fish provide _____ and phosphate for the

plants, while the plants provide beneficial _____ to

_____."

9. Bluegill fish were chosen because of their _____
and the constraints of the _____ tank. However, Hannan
said students are testing the same concept with _____
in a _____ tank in the school's greenhouse.

[Watch the Aquaponics System Video](#)

10. Write down 3 things (or more!) you learned or found interesting: