

Proposal For Aquaponics Indoor Garden At Mosswood Park Recreation Center

Kijiji Grows an aquaponics based startup in Oakland proposes to continue with it's aquaponics after school program with an indoor garden at the Mosswood recreation center.

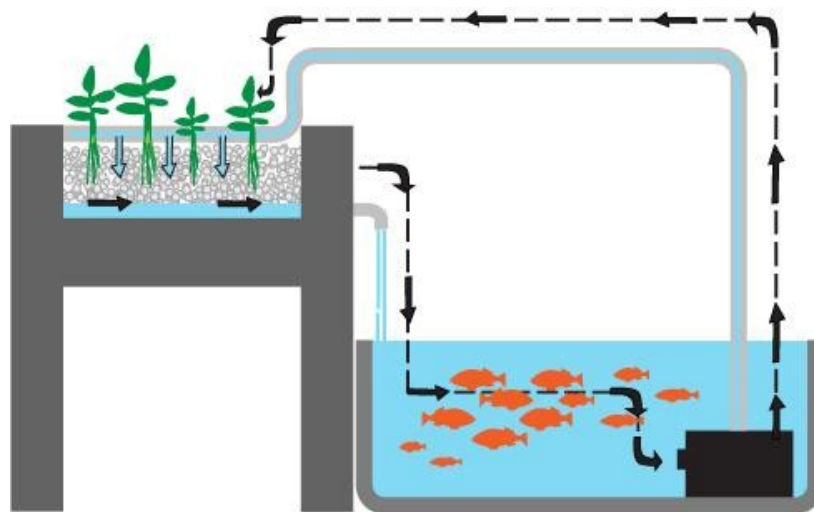
The indoor aquaponics garden will be used to teach applied sciences and urban farming techniques to the kids and youth in the Mosswood programs.

Kijiji Grows will build and install the indoor aquaponics garden, train the staff on basic maintenance and develop a curriculum that can be used around this garden.

Programming for the educational classes will be decided between OPR and Kijiji Grows.

Aquaponics

Aquaponic systems use bacteria to compost live fish waste in to plant nutrients in a highly efficient recycling water system. In our designs we use grow tables that contain gravel where the beneficial bacteria is cultured. The gravel is also used as the media for growing plants. An external fish tank is used to keep and grow the fish. The fish water is pumped into the grow tables where it slowly returns via gravity to the fish tanks. This is represented below:



aquaponic system

Typical Aquaponic Indoor Garden For Mosswood

A typical garden is shown below:



A second model possible for a Mosswood indoor garden.

