**Student Competency Testing Over AquaPono Standard Operating Procedures**

**Test #1 Assembly**

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Assembling the Frame:

|  |  |  |  |
| --- | --- | --- | --- |
| Checkbox | Step | Procedure | Comments |
|  | 1. | Open the tub and organize the pieces into groups: A) Short PVC B) Long PVC C) Elbows D) T’s |  |
|  | 2. | Locate two PVC T’s. Connect one short PVC at the center of the 2 T’s, making a capital letter “I”. |  |
|  | 3. | Connect one short PVC piece to one elbow. Repeat 4 times. |  |
|  | 4. | Connect pieces from #3 to capital “I.” |  |
|  | 5. | Connect 4 long PVC “legs” to the elbow pieces. Steady and align the frame. |  |

Assembling the Tanks:

|  |  |  |  |
| --- | --- | --- | --- |
| Checkbox | Step | Procedure | Comments |
|  | 1. | Place tub (without a hole) underneath the PVC frame. |  |
|  | 2. | Make 4 tape rolls and apply to wood piece on top of the frame, paralleling the capital “I.” |  |
|  | 3. | Locate the “stand-pipe.” It is the large PVC piece with black rubber grommet. Snap into tub (with hole). |  |
|  | 4. | Place tub on top of frame, aligning the stand pipe with the wood piece that has a hole. |  |

**Student Competency Testing Over AquaPono Standard Operating Procedures**

**Test #2 Fish Feeding**

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| Checkbox | Step | Procedure | Comments |
|  | 1. | Wash hands. |  |
|  | 2. | Turn on digital timer. Reset to zero. |  |
|  | 3. | Set timer to 5 minutes. |  |
|  | 4. | Measure out the ¼ teaspoon of fish food. |  |
|  | 5. | Press the start button on the timer. |  |
|  | 6. | Dump the ¼ tsp of food into the tank. |  |
|  | 7. | Wait for the fish to eat all the food. |  |
|  | 8. | If fish eat all the food, continue to put in ¼ tsp until the timer beeps; press stop on timer. |  |
|  | 9. | Record the number of ¼ tsp the fish ate on the chart |  |
|  | 10. | Repeat until all fish in all tanks are fed. |  |
|  | 11. | If any feed is left in the tank, use net to scoop it out. |  |