

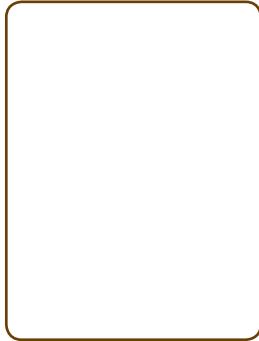
# Water Garden Growth Log

Use this growth log to carefully observe the growbed of your Water Garden over the next 6 weeks, and draw what you see below (feel free to use a separate piece of paper if you want to make your drawings bigger!).

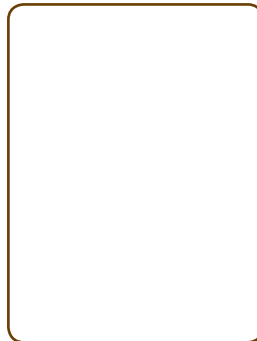
**Week 1**



**Week 2**



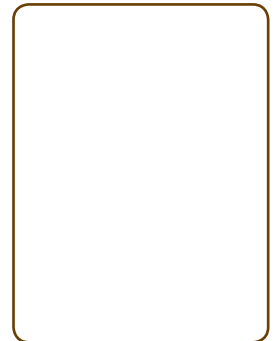
**Week 3**



**Week 4**



**Week 5**



Measure your herbs and record their height each week. Share any observations as you go!

Week 1

Week 2

Week 3

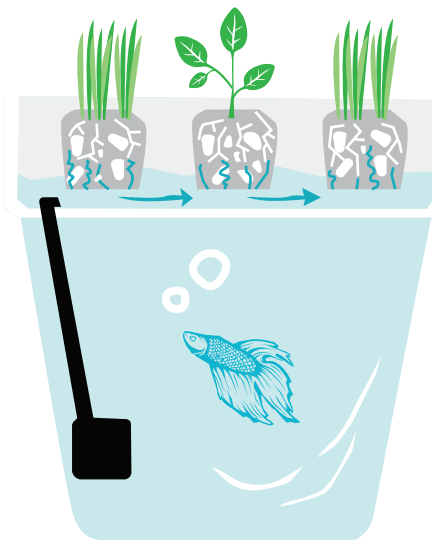
Week 4

Week 5

What day do you think your herbs will start to sprout? \_\_\_\_\_

What day did they actually start sprouting? How tall did they grow in 6 weeks? \_\_\_\_\_

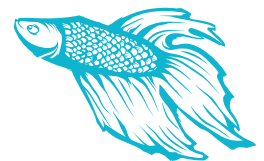
**Week 6!** Draw your classroom Water Garden on a separate sheet of paper. Use the word bank below to label its parts and the areas where each chemical is output. (Hint: see page 6 and 7 for help!)



fish      pump      herbs      Somo  
roots      growstones      growbed      Bacter  
oxygen      ammonia      nitrite      nitrate

## SCIENCE CHALLENGE I

Put out a bowl of water and mark the level with a pen. Leave it out for the night and come back the next day and mark the level again. Repeat each day until all the water is gone. This is evaporation.





# Thinking Cap: Garden Toolkit Unit 2 Review

Now that you've completed **Unit 2: Water Garden** of the Garden Toolkit, fill out the answers to the questions we set out to learn.

## Chapter 1: What is aquaponics?

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## Chapter 2: How does aquaponics work?

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## Chapter 3: Why is aquaponics awesome?

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**Congratulations! You completed Unit 2**

