

Multiple choice: ____/14

Free response: ____/28

Total: ____/42

Garden Squad - Assessment Test

Name:	Age:	Date:
School:	Grade:	

1. A plant is annual when it: (2)
 - a. Lives for one year
 - b. Never stops flowering, even in the winter
 - c. Keeps growing for many years
 - d. Reproduces by the nodes in its roots
 - e. All of the above

2. Imagine you have a small garden in your backyard, and you are a talented gardener. It is springtime and you have to decide what you are going to plant. Name at least three food plants that you would grow and explain why you choose those plants. (4)

3. What does GMO stand for? (2)
 - a. Greatly Modified Organics
 - b. Genetically Modified Organisms
 - c. Genetically Manufactured Organisms
 - d. Grow More Oranges
 - e. None of the above

4. Why do you eat food? Be as detailed as possible in explaining the ways food serves a purpose in your life. (4)

5. Plants reproduce by: (2)
- Making seeds
 - Sending out shoots
 - Bees landing on female flowers, collecting pollen, and dropping it on male flowers
 - Producing fruits
 - All of the above
6. Explain how you can grow a plant from seed. Be as detailed as possible. (4)
7. How can you help your community access healthier food? (2)
- Ask McDonalds to open more restaurants
 - Support community gardens and local farmers markets
 - Order all organic food online from Europe
 - Buy all your meals from the healthy food menu at Wendy's
 - All of the above
8. What is a food desert? How can living in a food desert impact your health? (4)
9. How far does food travel on average to get from farm to table? (2)
- 5 miles
 - 1500 miles
 - 100 miles
 - 30 miles
10. What is a Carbon Footprint? Explain at least one way that you can reduce your Carbon Footprint. (4)

11. How much food, on average, do Americans waste a year? (food going from farm, to fork, to landfill) (2)
- a. 5-10%
 - b. 20-25%
 - c. 45-50%
 - d. 55-60%
 - e. 75-80%
12. How can you reduce your own food waste? (4)
13. How much of our earth's water is potable? (2)
- a. Less than 2%
 - b. About 10%
 - c. About 50%
 - d. Over 98%
14. What can you do to help conserve water in your own life? (4)

Project USE

Pre Test: Do you have any food growing or cooking experience? Please share! :)

Post test: how did the information and skills you learned in this class challenge you to live your life differently?

