

4-H PEI VIRTUAL GARDEN PROJECT



KNOWLEDGE SAVENGER HUNT

This activity is to help you test your current garden knowledge as well as encourage you to learn new information about gardening. We encourage you to try to answer all the question you can and then use various online resources to check your answers and/or complete any questions you were not able to answer.



Some possible online sources of online information:

www.veseys.com/ca/gardening-101

www.backyardgardener.com

www.markcullen.com

kidsgardening.org/gardening-basics

1. There are more microorganisms in one teaspoon of soil than there are people on earth. **True or False?** _____
2. Contrary to popular opinion, plants really do not respond to sound. **True or False?** _____
3. Some of your favorite fruits are actually in the rose family (Rosaceae). Which of the following fruits is not?
A: Apples B: Pears C: Cherries D: Blueberries E: Almonds
4. What fruit has seeds on the outside? _____
5. Why do we cry when cutting onions? _____

6. Which of these is NOT a winter crop? **A: Cabbage B: Leek C: Tomato D: Parsnip**
7. For how long can seeds remain dormant? **A: Month B: One season C: A few days D: Years**
8. List plants that make delicious microgreens:

9. How long does it take beets to reach full size? _____
10. How long does it take for new asparagus plants to produce their first crop?
A: 90 days B: 1 year C: 3 years D: 1 month
11. What is the natural inclination of the pea plant?
A: To bloom year round B: To climb C: To sink to the ground D: To spontaneously become hybrid
12. In early spring, how do you protect your seedlings from frost? _____

13. Most kitchen herbs are of what origin?
A: North American B: Mediterranean C: European D: African
14. Zucchini flowers are edible and delicious. **True or False?** _____

15. What is the name for the flowering portions of the cauliflower? _____
16. What causes cranberries to bounce and float in water? _____
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17. From a botanical standpoint, avocados and pumpkins are fruits, not vegetables, because they bear the plants' seeds. **True or False?** _____
18. Where in the world were the first potatoes cultivated about 7,000 years ago? _____
19. What is the difference between an annual and perennial plant? _____
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20. What is the main benefit of rotating crops in a vegetable garden?
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| A: Grow bigger vegetables | B: Organize the garden more efficiently |
| C: Prevent the spread of pests and diseases | D: Speed growth of vegetables |
21. What soil condition is measured on the pH scale?
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|----------------------|-------------------------|-------------------|---------------------------|
| A: Compaction | B: Water content | C: Acidity | D: Mineral content |
|----------------------|-------------------------|-------------------|---------------------------|

22. Label the parts of the plant and seed:

