

Objective

Students will compare the number of plants using the terms *greater than*, *less than* and *equal to*.

Activity

1. Review the terms greater than, less than, and equal to.
2. Talk about what plants are growing in the garden.
3. If technology is available, have students use an app, like Doodle Buddy, to make a garden with images of things that would grow in the garden. If technology is not available, have students draw gardens.

Examples: watermelon, tomatoes, strawberries, flowers. You may want to guide them through a sample garden first, designing a bed with 5 tomatoes and 6 watermelon. Ask the class how these two crops compare using the terms more than, less than or equal to. Partner students with a neighbor and ask them to compare the plants in their own virtual/drawn garden. Choose two crops and determine if one is more than, less than, or equal to.

4. Give students a number 1 to 20 and ask them to make a garden with a number of plants that is more than, less than or equal to the assigned number.
5. Once plants have begun growing, go out into the garden and compare the number of plants in different beds. Example: Compare the number of broccoli plants to the number of lettuce plants.
6. Take pictures of the garden beds and have students compare the number of plants. Have students write the number to represent the number of plants and compare the written numerals.

Grade Level: Kindergarten

Subject Area: Math

Materials:

Pictures of the school garden

Paper

Crayons

Technology (iPad app like Doodle Buddy)

Standards:

K.CC.6

Collaborators:

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7. Use the following website to create a virtual garden bed: <https://bit.ly/2H4nVrs>.
 - Have students create a 2-foot x 2-foot bed and then select four different plants to put in their bed. Compare the number of plants in each square foot.
 - Give students a number 1 to 20 and ask them to make a garden with more than, less than or equal to the assigned number.

Your Notes & Ideas