

Hands On!

Grow Carrot Tops



All these plants are of the same kind.

The roses are of the same kind. But they look different.

Ask a question about how plants of the same kind can be alike and different.

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Materials Checklist

- ☐ a bowl
- ☐ water
- ☐ carrot tops
- ☐ a small paper clip



Step 1

Pour water into the bowl.
Add the carrot tops.



Step 2

Put your carrots in a
sunny place.



Step 3

Observe and measure
the carrots. Write your observations.

Day	Observations
Day 3	carrot 1 _____ paper clips long carrot 2 _____ paper clips long
Day 5	carrot 1 _____ paper clips long carrot 2 _____ paper clips long
Day 7	carrot 1 _____ paper clips long carrot 2 _____ paper clips long
Day 9	carrot 1 _____ paper clips long carrot 2 _____ paper clips long

Step 4

Compare the carrots. Look for patterns in their parts and sizes.

Make a **claim** about how plants of the same kind can be alike and different.

What is your **evidence**? Talk with a partner about your **reasoning**.



Making Sense



I explored _____

How does this help me explain how plants of the same kind can look alike but different?
