

Anticipatory Set Guiding Questions

- What do you think this is?
- What observations can you make that assure you that you have the right answer?
- When in your life have you seen or used this?
- What part of the plant is this? **You are showing them the root of the plant. The stem is above the ground and so is the flower and the fruit (yes, sweetpotatoes do make seeds)**
- What purpose do you think these parts of the plants have? **Storage of nutrients and sugars and water, anchoring the plant into the ground, absorption of water and nutrients. That is why they are so big.**
- Why do you think this is so much bigger than another root of a plant (like on lettuce or basil)? **It anchors the plant and it stores food for the plant for later (sugar).**
- Where do these parts of the plants usually grow? **They grow underground in the soil.**
- What is the best place to grow these plants? **In the sandy soils of parts of NC (especially the eastern part of NC)**