

Name: _____ Date: _____ Per: _____

SYSTEMS THINKERS IN STEM

Video: System Thinkers in STEM: Tour of Yes Farm http://bit.ly/STIS_yf

- 1) Who is this person?
- 2) Name some of the key pieces of a small successful garden.
One way to do this would be to make a list of stuff to bring back from the garden store.
- 3) But there's more to a successful garden than just a pile of stuff. Make a diagram that describes and explains a system of interconnected pieces that have to work together for success in a garden.
- 4) Justify 3 (non-gardening) classes could you take that would contribute to a successful commercial garden project?
 - a)
 - b)
 - c)
- 5) Urban farms come with unique challenges, like people cutting the fence to get into the garden. Obviously, you could just repair the fence, or put up a more serious fence. But let's think deeper. Describe a "systems thinking" approach that could help address this problem.
- 6) Look at the network of Yes Farm's Collaborators. Pick any 3, and make a guess about why each is involved.
 - a)
 - b)
 - c)