Exhibit 46: The Secret Life of Electronics
1. B. Embodied energy
2. D. They are not often found in concentrated deposits

Exhibit 47: Zero Waste Illinois: Waste at Home, on Campus, and Beyond
1. False
2. B. Nitrile gloves

Exhibit 48: Is Your School Up to the Challenge?
1. D. $1,000,000
2. C. 3%

Exhibit 49: What is Sustainability?
1. A. Society, environment and culture
2. This question is designed to be open ended to allow students to explore & think about sustainability.

Exhibit 50: What is a green job?
1. See the definition at the link provided: http://www.bls.gov/green/#definition
2. This question is designed to be open ended get students to think outside of the box on different careers and how a green job isn't only for an environmental biologist but could also be for office professionals who commit to using less natural resources.

Exhibit 51: Reclaiming Lost Topsoil
1. B. Normal garden and crop plants
2. A. It fills up the lake with mud, making the water too shallow.

Exhibit 52: Go Native!
1. C. Bees
2. No
Exhibit 53: See the Light, as Less is More!

1. True
2. True

Exhibit 54: Ultrafiltration

1. D. All of the above
2. C. Larger

Exhibit 55: A New Route to Cleaner Coal

1. Forward Osmosis; one side of a membrane has the coal slurry and the other side has a “saltier” water mixture. Water from the coal side flows through the membrane to the other side and then the salt is removed to purify the water. A coal cake is left.
2. Pollution prevention from no slurry ponds or create new jobs or coal waste (after dewatering) could be sold for other purposes.

Exhibit 56: Buildings Are Cool, Except When They Are Hot

1. B. Infared
2. Depressurize

Exhibit 57: 30 Years of Service to Illinois Citizens and Business

1. They can use less water, less energy, and prevent pollution from their factories.
2. Research can find cleaner processes and less toxic raw materials to make the products we need.

Exhibit 58: Emerging Contaminants: What Are They and Are They Important?

1. C. Both a and b
2. True

Exhibit 59: Biochar: A Win-Win Scenario

1. B. Using as a carbon sequestration strategy
2. True
Exhibit 60: Saving Water, One Drop at a Time

1. Water savings by behavior change is the hardest. Examples could be taking shorter showers; turning off water when brushing teeth; watering yard or washing car less frequently in the summer; or other approaches.
2. This question is designed to be open ended to allow students to explore & think about saving water.

Exhibit 61: Waste to Oils

1. F. All of the above
2. C. Reduce, reuse, recycle, recover

Exhibit 62: Become a Modern Robinson Crusoe

1. Yes
2. C. All of the above

Exhibit 63: The Plight of the World in 5 Minutes

1. This question is designed to be open ended. Topics could range from the Pacific Garbage Patch to local landfill issues to social justice issues related to environmental problems in the videos.
2. This question is designed to be open ended. Topics could range from: People’s actions are the problem; don’t care or think about the environment; need to think more about sustainability; need to protect our natural resources; we produce too much garbage or have too many things.