**Kendall College Sustainability Trivia Game Answer Key**

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| **Fossil Fuels** | **Foodservice Industry** | **Water** | **Climate changes** | **Waste Stream** |
| Burning one gallon of gas produces approximately how many pounds of carbon dioxide?  20 Pounds | Restaurants consume how much more energy than a commercial building?  5 Times | By what year will 70% of the US experience water shortages?  By 2013 | Over the last 20 years, approximately what percentage of greenhouse gas can be attributed to burning fossil fuels?  75% | How many glass jars and bottles are recycled everyday in the United States?  13 million |
| How many years will it take before the landfills in Chicago are full and garbage will need to be shipped to other locations?  9 years | What business is the number one user of electricity in the retail sector?  Foodservice | Water running for 5 minutes uses nearly as much energy as a 60-watt light bulb lit for how many hours?  14 hours | What 11-year span was the warmest on record since 1850?  1995-2006 | How many aluminum cans are recycled every minute of every day?  105,000+ |
| According to the U.S. Environmental Protection Agency, what percentage of all garbage sent to landfills is compostable?  About 25% | A faucet leaking at the rate of one drip per minute wastes how many gallons of water per year?  3,000 gallons | How many gallons does a standard toilet use each time it is flushed?  4.5 Gallons | It is thought that the Arctic Glaciers are thawing – True or False?  True | How many cans were recycled in the U.S. last year, saving the equivalent of which 15 million barrels of crude oil?  54 Billion |
| What is our primary fossil fuel?  Crude Oil | How many adults are likely to make a restaurant choice based on the restaurant’s commitment to sustainability?  40% | If all the earth’s water fit into a gallon bottle, the fresh water suitable for human use would equal how much?  One tablespoon | Global climate change is caused by accumulation of greenhouse gases in the lower atmosphere. Why are these gases increasing?  Combustion of fossil fuels and deforestation | How much energy does recycling just one glass container save?  Enough to:  Light 100-watt bulb for 4 hrs.  Power computer for 30 min.  Power TV for 20 min. |
| What is bubbling up from the ocean floor causing havoc on the coastal U.S. and eventually the world?  Fossil Fuel (crude oil) | How much per year are energy costs increasing for restaurants?  6-8% | What type of faucet can be used in a professional kitchen to decrease water usage?  A low-flow, pre-rinse spray valve for dishwashing can save more than 65,000 gallons of water a year. | How can climate change cause migratory species to perish?  Shoreline changes caused by polar icecap melting will impact their habitats. | What is needed to create compost?  Organic Matter  Moisture  Oxygen |