

# Energy Use Simulation Guide

Your teacher will explain the process for the simulation and answer any questions you may have about roles and responsibilities. As a class, follow the steps below to run the simulation.

- ❶ A **CITY** gives a **UTILITY COMPANY** the required number of tokens to buy the electricity the city needs for the cycle.
- ❷ The **UTILITY COMPANY** uses the tokens to buy fuels from the **FUEL COMPANY**.
- ❸ The **FUEL COMPANY** “extracts” energy resources (represented by energy chips) from the box and gives them to the **UTILITY COMPANY**.
- ❹ The **FUEL COMPANY** indicates the number of energy resources sold on the Energy Supply chart.
- ❺ The **UTILITY COMPANY** then “converts” the energy resources to electricity by running them through a cardboard tube.
- ❻ The **UTILITY COMPANY** gives the resulting electricity to the **CITY**.
- ❼ The **CITY** uses the electricity by placing it in the designated trash can or box.