

Name: _____

EcoTown Student Activity Guide

EcoTown is an interactive program available online at <http://www.powerhousemuseum.com/education/ecologic/games.htm>. By using it, students learn more about the use of "sustainability indicators" at a community level. A sustainability indicator provides information on how much a community is developing within a balanced, healthy global perspective. Discussion is needed among decision-makers over what the community really values as the city grows.

Scenario 1: Circle the indicators you selected in this trial.

Social Indicators – Life Expectancy, Unemployment, Sports Clubs, Schooling, Crime Rate, Graduates, Injury and Illness, Recreation Areas

Economic Indicators – Activity, Wages, Prices, Advertising, Progress, Research, Businesses, Mortgage Rate

Environmental Indicators – Air Pollution, Greenhouse Gases, Native Vegetation, Parks and Reserves, Water Pollution, Solid Wastes, Energy Use, Water Use

Progress Graph:

Team Notes:

Scenario 2: Circle the indicators you selected in this trial.

Social Indicators – Life Expectancy, Unemployment, Sports Clubs, Schooling, Crime Rate, Graduates, Injury and Illness, Recreation Areas

Economic Indicators – Activity, Wages, Prices, Advertising, Progress, Research, Businesses, Mortgage Rate

Environmental Indicators – Air Pollution, Greenhouse Gases, Native Vegetation, Parks and Reserves, Water Pollution, Solid Wastes, Energy Use, Water Use

Progress Graph:

Team Notes:

Scenario 3: Circle the indicators you selected in this trial.

Social Indicators – Life Expectancy, Unemployment, Sports Clubs, Schooling, Crime Rate, Graduates, Injury and Illness, Recreation Areas

Economic Indicators – Activity, Wages, Prices, Advertising, Progress, Research, Businesses, Mortgage Rate

Environmental Indicators – Air Pollution, Greenhouse Gases, Native Vegetation, Parks and Reserves, Water Pollution, Solid Wastes, Energy Use, Water Use

Progress Graph:

Team Notes:

Closing Questions:

1. Which scenario rated the greatest progress for Ecotown for your team? What indicators did you select and how do you think these led to such a successful effort?
2. Which scenario rated the least progress for your team's Ecotown venture? In what ways did your selected indicators lead to this negative result?
3. Can you think of other indicators that might contribute to community growth but were not included in the simulation? Can you think of indicators that hinder community growth but were not part of this simulation? Please describe these and suggest how they might affect the development of Ecotown.