Introduction to Green Technology

Category	Energy and Technology Systems
Duration	15 Hours
Software Supplied	-

Lesson 1: Resources and the Environment

Introduction

Pre-test

Vocabulary

Core: Earth's Natural Resources

Activity: Natural Resources List

Core: Agricultural Occupations

Core: Environmentalism

Quiz 1

Activity: Natural Resources List

Activity: Critical Thinking

Lesson 2: Damaging the Environment

Core: Threats to the Environment

Core: Types of Air Pollution

Quiz 2

Activity: Recreating the Effects of Acid Rain

Checkpoint 1

Activity: Critical Thinking

Lesson 3: Fossil Fuels and the Greenhouse Effect

Vocabulary

Activity: Observing Advanced Acid Rain Damage

Checkpoint 2

Core: Fossil Fuels

Core: The Environment and Fossil Fuel Use

Quiz 3

Activity: Critical Thinking

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Lesson 4: The Greenhouse Effect and Climate Change

Core: The Greenhouse Effect

Quiz 4

Activity: Observing the Greenhouse Effect

Checkpoint 3

Core: Climate Change and Global Warming

Quiz 5

Activity: Critical Thinking

Lesson 5: Designing Energy Solutions

Vocabulary

Core: How Green Technology Can Help

Quiz 6

Activity: Natural Resources List

Checkpoint 4

Activity: Green Energy Design Projects

Checkpoint 5

Activity: Critical Thinking