

A Correlation of
Population Connection Materials

from

Sharing a Small World:
Environmental Activities for Young Learners

to

The Show-Me Standards

Organized by:

- 1. Subject*
- 2. Standard*
- 3. Population Connection Activity*

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Goals

GOAL 1: Students in Missouri public schools will acquire the knowledge and skills to gather, analyze and apply information and ideas.

Students will demonstrate within and integrate across all content areas the ability to

10. apply acquired information, ideas and skills to different contexts as students, workers, citizens and consumers

The Bare Necessities

Lend a Hand to the Earth

Who Polluted the River?

GOAL 3: Students in Missouri public schools will acquire the knowledge and skills to recognize and solve problems.

Students will demonstrate within and integrate across all content areas the ability to

1. identify problems and define their scope and elements

Go Fish!

Lend a Hand to the Earth

Who Polluted the River?

3. develop and apply strategies based on one's own experience in preventing or solving problems

Go Fish!

4. evaluate the processes used in recognizing and solving problems

Go Fish!

Who Polluted the River?

5. reason inductively from a set of specific facts and deductively from general premises

Crowding Can Be Seedy

7. evaluate the extent to which a strategy addresses the problem

Creatures in Motion

Go Fish!

Who Polluted the River?

8. assess costs, benefits and other consequences of proposed solutions

Who Polluted the River?

GOAL 4: Students in Missouri public schools will acquire the knowledge and skills to make decisions and act as responsible members of society.

Students will demonstrate within and integrate across all content areas the ability to

3. analyze the duties and responsibilities of individuals in societies

The Bare Necessities

Earth Cookie

Go Fish!

Our Town

Web of Life

Who Polluted the River?

Communication Arts

5. comprehending and evaluating the content and artistic aspects of oral and visual presentations (such as story-telling, debates, lectures, multi-media productions)

Web of Life

Who Polluted the River?

Mathematics

1. addition, subtraction, multiplication and division; other number sense, including numeration and estimation; and the application of these operations and concepts in the workplace and other situations

Go Fish!

2. geometric and spatial sense involving measurement (including length, area, volume), trigonometry, and similarity and transformations of shapes

Earth Cookie

5. mathematical systems (including real numbers, whole numbers, integers, fractions), geometry, and number theory (including primes, factors, multiples)

Earth Cookie

Science

3. characteristics and interactions of living organisms
 - Crowding Can Be Seedy
 - Our Town
 - Web of Life

4. changes in ecosystems and interactions of organisms with their environments
 - Earth Cookie
 - Our Town
 - Web of Life
 - Who Polluted the River?

7. processes of scientific inquiry (such as formulating and testing hypotheses)
 - Crowding Can Be Seedy
 - Who Polluted the River?

8. impact of science, technology and human activity on resources and the environment
 - The Bare Necessities
 - Creatures in Motion
 - Crowding Can Be Seedy
 - Earth Cookie
 - Lend a Hand to the Earth
 - Web of Life
 - Who Polluted the River?

Social Studies

4. economic concepts (including productivity and the market system) and principles (including the laws of supply and demand)

Go Fish!

5. the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment

Earth Cookie

Our Town