

Name: \_\_\_\_\_

## Lesson 22

Period: \_\_\_\_\_

### How We Almost Got a Sixth Great Lake

**Directions.** Read the *Handy Dandy Guide* and the mystery. Read the clues. Be careful.

While all the clues are correct, only some are *useful* in solving the mystery. Decide which clues are most relevant to solving the mystery. Use the clues and one or more of the ideas from the *Handy Dandy Guide* to figure out a solution to the mystery. Write your solution.

#### ***Handy Dandy Guide***

1. People *choose*.
2. People's choices involve *costs*.
3. People respond to *incentives* in predictable ways.
4. People create *economic systems* that influence individual choices and incentives.
5. People gain when they *trade* voluntarily.
6. People's choices have consequences that lie in the *future*.

#### ***The Mystery***

Every school student knows there are five Great Lakes. They remember the lakes easily by recalling "HOMES," the letters of which stand for Lake *Huron*, Lake *Ontario*, Lake *Michigan*, Lake *Erie*, and Lake *Superior*. This is common knowledge. Yet, Mr. Patrick Leahy, a United States Senator from Vermont, believes that Lake Champlain, which borders Vermont, New York, and Canada, is also a Great Lake. "Vermonters have always considered Lake Champlain the sixth Great Lake," he declared in 1998. Then he undertook an effort to have Lake Champlain officially designated as a Great Lake.

*Why would a U.S. Senator think there are six Great Lakes when school children know that is not true?*

#### ***The Clues***

1. Lake Superior is the largest of the Great Lakes.
2. An Indian name for Lake Michigan was "Michi gami."
3. Lake Superior has the largest surface area of any freshwater lake in the world.
4. Lake Superior has an average depth of nearly 500 feet.
5. The Great Lakes-St. Lawrence River ecosystem includes eight U.S. states and two Canadian provinces.
6. The National Sea Grant Program provides \$56 million dollars in competitive research money to fund research in coastal areas, including states bordering the Atlantic and Pacific Oceans, the Gulf of Mexico, and the Great Lakes.
7. Vermont is a landlocked state.
8. The explorer Champlain referred to Lake Ontario as Lake St. Louis in 1632.
9. Lake Champlain borders Vermont, New York, and Canada.

***Record your solution and explain it briefly here:***

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