

SCIENCE CLASS CHALLENGE



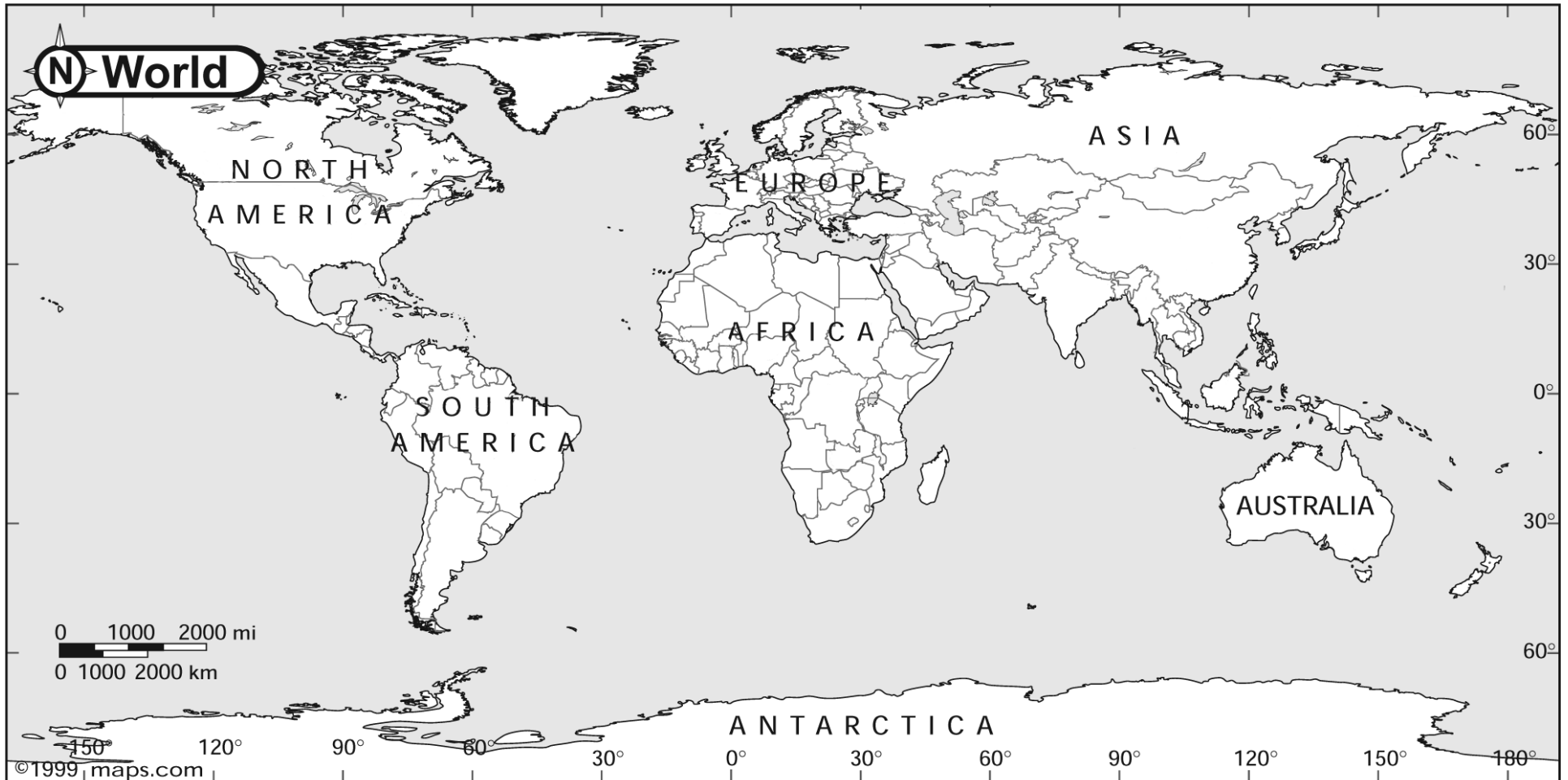
Student Activity:
Chlorofluorocarbons: FACT vs. FICTION
What do you really know about who uses CFCs?

Read each statement and decide if it is Fact or Fiction, then circle the correct answer.

1. Aerosol products made or sold in the United States contain CFCs.
FACT or **FICTION**
2. Aerosol products made in the United States contain other elements that may harm the upper ozone layer. **FACT** or **FICTION**
3. In the United States, all aerosol products have a “No CFC” logo.
FACT or **FICTION**
4. Until 1978, some aerosol products did contain CFCs, which were linked to upper ozone layer depletion. **FACT** or **FICTION**
5. In 1978, the federal government passed a regulation to protect the upper ozone layer and banned CFCs from aerosol products. **FACT** or **FICTION**
6. After 1987, many more countries around the world chose to protect the upper ozone layer and ban CFCs. **FACT** or **FICTION**
7. Over 180 countries have banned CFCs. On the attached map, identify and color green a few of the countries that do not manufacture products with CFCs.
United States
Great Britain
Egypt
Italy
Canada
8. There are still many countries in the world that still manufacture products with CFCs, but most are working towards banning them in all products. On the attached map, identify and color red a few of the countries that still allow products to be manufactured with CFCs.
China
Brazil
Iraq
Afghanistan
Mexico

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