

## Activity 10

### Analyze Like a Scientist

#### Burning Fossil Fuels and Pollution

What happens when fossil fuels are burned to release energy?

| BURNING FOSSIL FUELS                        |       |
|---|-------|
| RESULT                                      | CAUSE |
| Change the chemistry of lakes and kill fish |       |
| Global warming                              |       |

#### ANSWERS BANK

Carbon dioxide gas can collect in the air. It forms a layer in the atmosphere that traps heat on Earth.

Burning coal and oil produces a gas called carbon dioxide. that form acidic rains