

# Science Performing Projects

## Earth Science

### Basic Speech

Develop an informational or persuasive speech about a topic related to one of the subjects you are studying.

### Demonstration Speech

Create a speech that shows how a particular process occurs, such as the cycle in which water moves through the earth's atmosphere, oceans, and land.

### Live Interview

Interview a scientist or an engineer knowledgeable about a timely issue, such as the effects of the BP oil spill in the Gulf of Mexico.

### Debate

Prepare a formal discussion about a timely issue related to earth science, such as expanding natural-gas drilling or selling freshwater.

## Life Science

### Basic Speech

Develop an informational or persuasive speech about a current advancement in the life sciences, such as the creation of artificial skin.

### Demonstration Speech

Create a speech that follows the steps in a particular process, such as how the immune system responds to disease.

### Live Interview

Interview a personal trainer, physical therapist, or kinesiologist about proper training and exercise techniques.

### Debate

Prepare a formal discussion about a controversial issue related to life science, such as using animals in scientific/medical research.

### Play

Stage a play based on an important historical advancement in medicine or health, such as the discovery of penicillin or the use of vaccinations.

## Physical Science

### Basic Speech

Create an informational speech about a timely subject related to physical science, such as the use of magnetism to power high-speed rail.

### Demonstration Speech

Develop a speech showing how to calculate a particular process, such as how to calculate kinetic energy.

### Live Interview

Interview an engineer about the use of wind power or solar power to determine its strengths, weaknesses, and prospects for the future.

### Debate

Prepare a formal discussion about a controversial issue related to physical science, such as the value of nuclear power as an energy source.

### Play

Stage a play based on an important historical event related to power or energy, such as Ben Franklin's discovery of electricity.