

# STARTING WITH

# STEM

## WHY IS U.S. STEM EDUCATION IMPORTANT?

WHAT IS  
STEM?



**SCIENCE**

**TECHNOLOGY**

**ENGINEERING**

**MATH**

Astronomy  
Biology  
Botany  
Chemistry  
Geology  
Environmental  
Physics

Computer science  
IT  
Web development  
Networks  
Management  
Database Admin  
Consulting

Civil  
Electrical  
Mechanical  
Chemistry  
Aerospace  
Environmental  
Petroleum

Analyst  
Mathematician  
Statistician  
Professor  
Surveyor  
Accountant  
Actuary

**THE U.S. IS 52ND IN THE WORLD IN THE QUALITY OF MATH AND SCIENCE EDUCATION\***

### STEM JOBS

70% of the projected fastest growing occupations over the next ten years are in STEM fields\*\*

### JOB GROWTH

STEM occupations have grown 8% in the last 10 years (2000-2010) and are expected to grow twice as fast (17%) in the next ten years\*\*\*

### HIGHER PAY

65% of the highest paying jobs in 2010 require STEM preparation and STEM workers earn 26% more than their non-STEM peers\*\*\*\*