

Who Uses Mathematics in Real Life?

Here are some careers that use the mathematics in Algebra 2.

FOCUS ON CAREERS

Physical Therapist, p. 16
 Real Estate Broker, p. 21
 Stockbroker, p. 23
 Sports Statisticians, p. 30
 Forester, p. 68
 Pediatrician, p. 102
 Nutritionist, p. 112
 Caterer, p. 151
 Personal Trainer, p. 158
 Biotechnician, p. 172
 Health Services Manager, p. 202
 Chemist, p. 217
 Dentist, p. 234
 Civil Engineer, p. 252
 Electrician, p. 279
 Web Developer, p. 296
 Set Designer, p. 304
 Automotive Designer, p. 308

Ornithologist, p. 327
 Photographer, p. 330
 Nurse, p. 335
 Gerontologist, p. 342
 Archeologist, p. 347
 Accountant, p. 355
 Paleontologist, p. 419
 Investment Banker, p. 427
 Amusement Ride Designer, p. 433
 Coast Guard, p. 435
 Chemical Engineer, p. 450
 Financial Planner, p. 468
 Marine Biologist, p. 482
 Sound Technician, p. 495
 Hospital Administrator, p. 551
 Farmer, p. 559
 Pharmacist, p. 566
 Accident Reconstructionist, p. 593
 Air Traffic Controller, p. 606

Seismologist, p. 634
 Police Officer, p. 636
 Entomologist, p. 664
 Computer Programmer, p. 671
 Economist, p. 679
 Fishery Biologist, p. 683
 Physician, p. 685
 Police Detective, p. 702
 Botanist, p. 728
 Teacher, p. 735
 Market Researcher, p. 748
 Cartographer, p. 789
 Astronomer, p. 801
 Sculptor, p. 805
 Surveyor, p. 811
 Musician, p. 836
 Meteorologist, p. 858
 Auto Mechanic, p. 871

REAL LIFE



CIVIL ENGINEER p. 252

Civil engineers design bridges, roads, buildings, and other structures. In 1996 civil engineers held about 196,000 jobs in the United States.



PALEONTOLOGIST p. 419

A paleontologist is a scientist who studies fossils of dinosaurs and other prehistoric life forms. Most paleontologists work as college professors.



WEB DEVELOPER p. 296

Web developers use hypertext markup language (HTML) to create electronic pages for the World Wide Web. A Web browser translates HTML into pages that can be viewed on a computer screen.



PHYSICAL THERAPIST p. 16

Physical therapists help restore function, improve mobility, and relieve pain in patients with injuries or disease.



REAL ESTATE BROKER p. 21

Real estate brokers must have a thorough knowledge not only of the real estate market, but of mathematics as well. Brokers often provide buyers with information about loans, loan rates, and monthly payments.