

## Discover a World of Opportunity

*Career Explorations* introduces students to hundreds of diverse careers and critical soft skills needed to set them on a purposeful path through their academic journey through high school and beyond.

*Career Explorations* blends occupation and industry content with case studies and real-world, application-based questions and activities to engage students from the first page. Students will immerse themselves in each of the 16 career clusters, one chapter at a time, exploring hundreds of jobs, salaries, required education, and the steps necessary to build an occupation in that career field.

## Key Features

Designed with the content and support tools to assist both new and seasoned teachers bring career opportunities to life in their classroom.

- Hundreds of modern careers and occupations from all 79 CTE pathways
- Case studies in each chapter explore an emerging career in detail
- Fundamental industry data including salaries, job growth, and education level updated and sourced from O\*NET
- Real-world, industry-specific practice questions throughout each chapter expose students to soft skills, applied math, graphics literacy, and reading comprehension
- Digital teaching resources from presentations to career-specific PBL activities support both experienced and new teachers
- Built-in Career Center empower students to research 1,000 occupations filtered by their individual RIASEC attributes
- Print and robust digital experience that can be implemented effectively in both low-tech and high-tech environments

**Case Study: Environmental Science & Protection Technicians**

**Also called:** Environmental Technicians, Laboratory Technicians, Public Health Sanitarians, Sanitarians

**What do they do?**

- Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist.
- Collect samples of gases, soil, water, and other materials for testing.

**What would you do?**

- Discuss test results and analyses with customers.
- Record test data and prepare reports, summaries, or charts that interpret test results.
- Develop or implement programs for monitoring of environmental pollution or radiation.

**What do you need to know?**

**Arts and Humanities**  
English language

**Math and Science**  
Biology  
Arithmetic, algebra, geometry, calculus, or statistics


**Safety and Government**  
Law and government  
Public safety and security

**Business**  
Customer service

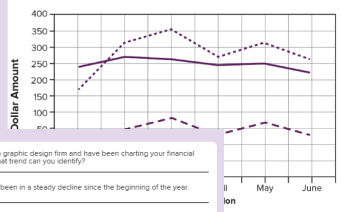
**What skills do you need?**

**Communication**  
Listen to others, do not interrupt, and ask good questions  
Read work-related.

**Problem Solving**  
Notice a problem



**Finances for Start-Up Graphic Design Business**



**1. Choose the best answer.**

You have started your own graphic design firm and have been charting your financial activity. From the chart, what trend can you identify?

Profits have been in a steady decline since the beginning of the year.

When expenses increase, sales go down.

Profits go up as sales go down.

Profits, expenses, and sales all increase at the same rate.

When expenses are stable, profits parallel sales.

[Show Correct Answer](#) [Check Answer](#)

# Career Explorations

Mobile | Digital | Print

Chapter 1	Explore, Introduction
Chapter 2	Science, Technology, Engineering, and Math (STEM); Case Study: Environmental Science & Protection Techs
Chapter 3	Manufacturing Case Study: CNC Programmers
Chapter 4	Information Technology (IT) Case Study: Information Security Analysts
Chapter 5	Arts and Media Case Study - Sound Engineering Technicians
Chapter 6	Architecture and Construction Case Study: Solar Photovoltaic Installers
Chapter 7	Agriculture, Food, and Natural Resources Case Study: Veterinary Technologist & Technicians
Chapter 8	Government and Public Administration Case Study: Advocates
Chapter 9	Business Administration and Management Case Study: Tax Preparers
Chapter 10	Finance Case Study: Personal Financial Advisors
Chapter 11	Marketing Case Study: Research Analysts & Marketing Specialists
Chapter 12	Transportation, Distribution, and Logistics Case Study: Heavy & Tractor-Trailer Truck Drivers
Chapter 13	Hospitality and Tourism Case Study: Meeting, Convention, & Event Planners
Chapter 14	Health Science Case Study: Home Health Workers
Chapter 15	Human Services Case Study: Neuropsychologists
Chapter 16	Education and Training Case Study School & Career Counselors
Chapter 17	Law, Public Safety, Security, and Corrections Case Study: Forensic Science Technicians

## Dynamic Digital Resources

*Career Explorations* Digital Edition features rich multimedia content that enhances the student experience and provides teachers with the tools and resources to deliver engaging lessons and activities.

- Interactive eBook
- Extensive question bank with over 1,000 questions
- Three types of soft skill practice questions
- Presentation materials with charts, tables, and practice questions
- Engaging videos take students inside a day-in-the-life of interesting occupations
- McGraw Hill K-12 Portal app provides off-line access to ebook
- eBook available in 120 languages with the Google Translate plug-in
- Integrates into Canvas, Google Classroom, and Schoology

**Available in print and 1 to 8 year digital and bundle subscriptions**

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