

Content to Career Connection: *When Will I Ever Use This?*

This document is intended to provide examples of career clusters and careers that utilize the content in a particular subject or course to help answer the common question from students, “When will I ever use this?” as well as to assist classroom teachers with finding career courses in Defined Careers that might be a good fit for use in their classroom. The career examples listed are only a few of the possible careers that may be associated with a particular topic. For a full listing of careers within each career cluster, please visit [Defined Careers: Career Experience Course Offerings](https://definedlearning.com/what-we-offer/defined-careers/career-experience-offerings) <https://definedlearning.com/what-we-offer/defined-careers/career-experience-offerings>

Science		
Topic	Career Cluster Examples	Career Examples
Biology	Health Sciences	Biomedical Engineer
		Health Education Specialist
		Veterinary Technologist and Technicians
	Agriculture, Food and Natural Resources	Animal Nutritionist
		Seed Analyst
		Animal Breeder
	STEM	Bioinformatics Scientist
		Park Naturalist
		Human Factors Engineers and Ergonomists
Chemistry	Manufacturing	Food Technician
		Dental Laboratory Technician
		Chemical Technician
	STEM	Materials Engineer
		Bioinformatics Scientist

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		Data Scientist
	Agriculture, Food and Natural Resources	Food Scientist and Technologist
		Pesticide Handlers, Sprayers and Applicators
		Hazmat Technician
Earth and Space	Agriculture, Food and Natural Resources	Habitat Biologist
		Geological Sample Test Technicians
		Natural Sciences Manager
	STEM	Cartographers and Photogrammetrists
		Microbiologist
		Precision Agriculture Technicians
Environmental Science	Agriculture, Food and Natural Resources	Conservation Engineer
		Environmental Science and Protection Technicians
		Forest and Conservation Technicians
	Government and Public Administration	Environmental Compliance Inspectors
		Urban and Regional Planners
		Agricultural Inspectors
	STEM	Environmental Economist
		Park Naturalist
		Biologist

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Physical Science	Agriculture, Food and Natural Resources	Geological Sample Tech Technician
		Geophysical Data Technicians
		Water/ Wastewater Engineer
	STEM	Mechanical Engineer
		Cartographers and Photogrammetrists
		Environmental Economist
	Manufacturing	Water Resource Specialist
		Wind Turbine Service Technician
		Inspectors, Testers, Sorters, Samplers and Weighers
Engineering	STEM	Industrial Engineer
		City and Regional Planning Aides
		Materials Engineer
	Architecture and Construction	Interior Designers
		Architects
		Cement Masons and Concrete Finishers
	Arts, A/V Technology & Communications	Production Designers
		Commercial and Industrial Designers
		Set and Exhibit Designers