

# YouthTEACH2Learn Program Overview

## FRONT MATTER

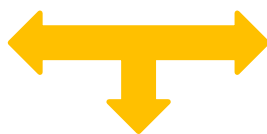
Background/Summary\*  
Implementation Consideration  
Roles/Responsibilities  
Course Expectations  
Student Contract\*



## EDUCATION EXPLORATION: CAREER TECHNICAL KNOWLEDGE & SKILLS

**Module 1:** Orientation & Educators Rising California\*  
**Module 2:** The Structure & Economics of American Education  
**Module 3:** The Effective Teacher\*  
**Module 4:** Human Growth & Development \*  
**Module 5:** Teaching Students with Special Needs  
**Module 6:** Classroom Management & Community\*  
**Module 7:** Observation Cycles (Inquiry, Differentiation\*, Technology\*)  
**Module 8:** Safety & Emergency Planning  
**Module 9:** Government Regulations: IEPs, 504, & Mandated Reporter  
**Module 10:** Standards-Based Instruction & Lesson Planning  
**Module 11:** Instructional Strategies\*

\* Indicates module adapted for Afterschool Program



## MATH

**Module 12:** Perspectives on Math  
“How Many People?”  
Math-o-Graphy  
Algebra Readiness  
**Module 13:** Math Standards  
“Sleepy Time”  
Understanding Common Core  
An Introduction to Backwards  
Planning  
**Module 14:** Manipulative Use  
“Fraction Strips”  
**Module 15:** Problem Solving  
“Seats on the Bus”  
Solving Word Problems  
**Module 16:** Math Vocabulary  
“Get it Together”  
Math & English Language Learners  
**Module 17:** Assessment Strategies  
“Probability”  
Formative & Summative  
Assessment  
Student Interviews  
**Module 18:** Lesson Development  
**Module 19:** Health, Sanitation, &  
Nutrition  
**Module 20:** What’s Next? Career  
Planning

## ENVIRONMENTAL SCIENCE

**Module 12:** Perspectives on Science and  
Environmental Literacy  
Ecosystem Services are Essential to Human  
Life  
Focus on Water Filtration  
Teaching Water Filtration  
**Module 13:** Ecological Footprint and World  
of 7 Billion  
“People Influence Natural Systems  
Ecological Footprint Worksheet  
Elements of Lesson Design  
Think-Pair-Share Strategy  
**Module 14:** Tragedy of the Commons  
People Influence Natural Systems  
“Tragedy of the Commons”  
Claim-Evidence-Reasoning  
**Module 15:** The Nitrogen Cycle  
Dead Fish Case Study  
Nitrogen Cycle Game  
**Module 16:** Participate Air Pollution  
“Monitor Particulate Pollution”  
Protocols for Conducting an Effective Lab  
**Module 17:** Making Environmental Decisions  
Environmental Issues Analysis  
Effective Presentations Skills  
**Module 18:** What’s Next? Career Planning

## SCIENCE

**Module 12:** Perspectives on Science  
“Egg in the Bottle”  
Sci-O-Graphy  
Why Learn Science?  
**Module 13:** Science Standards  
“Balloon Powered Car”  
Understanding Next Generation  
Science Standards  
An Introduction to Backwards Planning  
**Module 14:** Hands-On Learning  
“Index Card Towers”  
Problem Solving & Inquiry  
**Module 15:** Problem Solving &  
Inquiry  
“Why Do Boats Float?”  
**Module 16:** Science Vocabulary  
“Have Your DNA and Eat it Too”  
Science & English Language Learners  
**Module 17:** Assessment Strategies  
“Understanding Osmosis”  
Formative & Summative Assessment  
Student Interviews  
**Module 18:** Lesson Development  
**Module 19:** Health, Sanitation, &  
Nutrition  
**Module 20:** What’s Next? Career  
Planning

## ADDITIONAL YOUTHTEACH2LEARN BENEFITS

- Online access to all modules, resources, & supplemental materials
- Evaluation & impact reporting
- Project management & coordination
- Program affiliation with Educators Rising California, which includes access to conferences, competitive events, & scholarship opportunities



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