

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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