

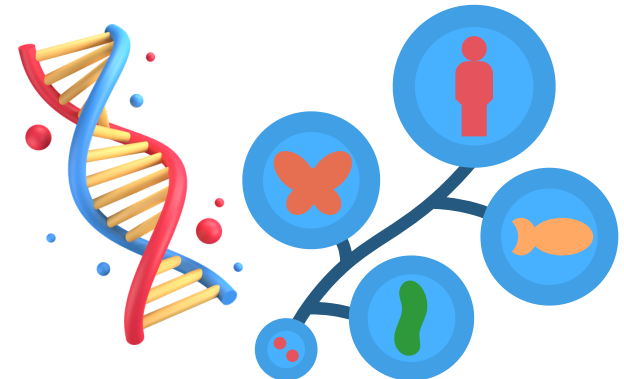
California Grade 7 Science

Discipline Specific Course Model

Full Year - 7th Grade

- ✓ Standards Arranged by Disciplinary Core Ideas
- ✓ Complete Standard for California 7th Grade Discipline Specific Integrated Science Instruction Model

- ✓ MS-LS1; 1-8
- ✓ MS-LS2; 1-5
- ✓ MS-LS3; 1-2
- ✓ MS-LS4; 1-6
- ✓ MS-ETS1; 1-4



Teach With
Fergy

Resources Included - LS1; 1-8

NGSS MS-LS1-1 Curriculum Bundle

What Are Living Things Made Of?
Exploring Cells and Life

- ✓ 3 Lessons and 7 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-1



NGSS MS-LS1-2 Curriculum Bundle

Cell Structure and
Function

- ✓ 2 Lessons and 11 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-2



NGSS MS-LS1-3 Curriculum Bundle

Human Body Systems

- ✓ 1 Lesson and 11 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-3



NGSS MS-LS1-4 Curriculum Bundle

Plant and Animal Structures and
Behaviors for Reproduction

- ✓ 2 Lessons and 3 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-4



NGSS MS-LS1-5 Curriculum Bundle

How Environmental and Genetic
Factors Influence Organism Growth

- ✓ 2 Lessons and 8 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-5



NGSS MS-LS1-6 Curriculum Bundle

Role of Photosynthesis in the Cycling
of Matter and Flow of Energy

- ✓ 1 Lesson and 8 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-6



NGSS MS-LS1-7 Curriculum Bundle

Food, Energy, and Chemical
Reactions in the Body

- ✓ 1 Lesson and 7 Activities
- ✓ Everything You Need to Teach NGSS MS-LS1-7



NGSS MS-LS1-8 Curriculum Bundle

How We Sense the World
Around Us

- ✓ 1 Lesson and 1 Activity
- ✓ Everything You Need to Teach NGSS MS-LS1-8



Resources Included - LS2; 1-5

NGSS MS-LS2-1 Curriculum Bundle

Resource Availability and Population Growth

- ✓ 3 Lesson and 5 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-1



NGSS MS-LS2-4 Curriculum Bundle

How Ecosystem Changes Affect Populations

- ✓ 4 Lessons and 9 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-4



NGSS MS-LS2-2 Curriculum Bundle

Ecosystem Interactions: Predicting Patterns in Predator, Prey, & Symbiotic Relationships

- ✓ 2 Lesson and 3 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-2



NGSS MS-LS2-3 Curriculum Bundle

Energy Flow and Matter Cycling in Ecosystems

- ✓ 2 Lessons and 3 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-3



NGSS MS-LS2-5 Curriculum Bundle

Design Solutions to Protect Biodiversity and Ecosystems

- ✓ 2 Lessons and 5 Activities
- ✓ Everything You Need to Teach NGSS MS-LS2-5



Resources Included - LS3; 1-2

NGSS MS-LS3-1

Curriculum Bundle

Genetic Mutations & Their Effect on Proteins

- ✓ 1 Lesson and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-LS3-1



NGSS MS-LS3-2

Curriculum Bundle

Asexual vs. Sexual Reproduction

- ✓ 2 Lessons and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-LS3-2



Resources Included - LS4; 1-6

NGSS MS-LS4-1

Curriculum Bundle

Fossil Record & Evidence of Evolution

- ✓ 1 Lesson and 3 Activities
- ✓ Everything You Need to Teach NGSS MS-LS4-1



NGSS MS-LS4-2

Curriculum Bundle

Evolution Evidence from Anatomy

- ✓ 1 Lesson and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-LS4-2

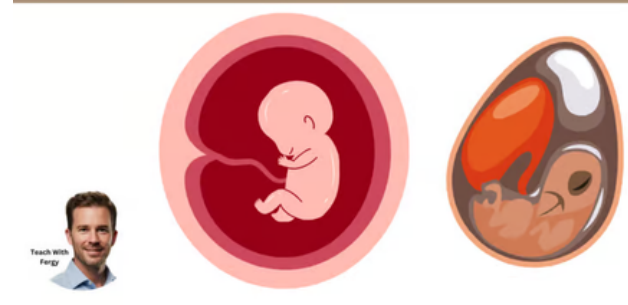


NGSS MS-LS4-3

Curriculum Bundle

Embryo Development & Evolution

- ✓ 1 Lesson and 2 Activities
- ✓ Everything You Need to Teach NGSS MS-LS4-3



NGSS MS-LS4-4

Curriculum Bundle

Natural Selection & Adaptation

- ✓ 2 Lessons and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-LS4-4



NGSS MS-LS4-5

Curriculum Bundle

Genetic and Reproductive Technologies & Artificial Selection

- ✓ 2 Lessons and 5 Activities
- ✓ Everything You Need to Teach NGSS MS-LS4-5



NGSS MS-LS4-6

Curriculum Bundle

Natural Selection & Population Traits Over Time

- ✓ 2 Lessons and 4 Activities
- ✓ Everything You Need to Teach NGSS MS-LS4-6



BONUS - ENTIRE STORE ACCESS!

As a special bonus for purchasing, you will get access to my ENTIRE STORE for 6 months. That means unlimited access to all my

- ✓ Lessons**
- ✓ Lab Station Activities**
- ✓ Scavenger Hunts**
- ✓ Review Activities**
- ✓ Assessments and so much more!**

TWIF



Classroom Fit Guarantee

I want you to feel confident when you purchase from Teach With Fergy. If a resource is not the right fit for your students, simply contact me and I'll provide double your purchase amount in store credit toward another resource in my store.



Resources Included - ETS1; 1-4

MS-ETS1-1, ETS1-2, ETS1-3, ETS1-4

- STEM Challenge Journal
- Paper Bridge STEM Engineering Challenge
- Egg Drop STEM Engineering Challenge
- Paddle Boat STEM Engineering Challenge
- Simple Telescope STEM Engineering Challenge
- The Electric Home - Electricity PBL Project
- Paper Towel Absorbency Test



Everything You Need to Teach 7th Grade Science in California using the Discipline Specific Course Model

Complete Lessons

Activities

Labs

Projects

Fossils and Geologic Time
MIDDLE SCHOOL – EARTH SCIENCE

- What is a Fossil?
- How Does Fossilization Occur?
- Rock Strata
- The Fossil Record
- The Geologic Time Scale



Animal and Plant Cell Lesson
6th, 7th, 8th Grade

- ✓ Intro to Cell Biology: Plant and Animal cells
- ✓ Student + Teacher Versions:
- ✓ Multimedia-Rich Lesson:
- ✓ No Extra Prep Required



DNA, Genes, and Mutations

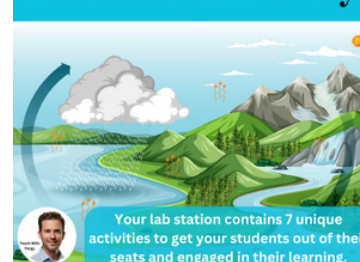
- What DNA and chromosomes are
- What genes are Common genetic features
- What proteins are
- How does changing DNA change proteins
- Mutations - what they are and what causes them
- Mutations - harmful, beneficial, or neutral effects
- Sickle cell anemia



Populations and Resource Availability
NGSS-MS-LS2-1 Station Activity



Carbon and Water Cycle Lab Station Activity



The Electric Home

A Problem-Based Learning Project



Who is this Bundle for?

- **Teachers who teach Grade 7 science in California and who use the ‘Discipline Specific Course Model’**
- **Teachers who want a variety of resources at their fingertips in order to meet the standards**
- **Teachers who don’t have time to develop their own resources or organize what to teach and when**