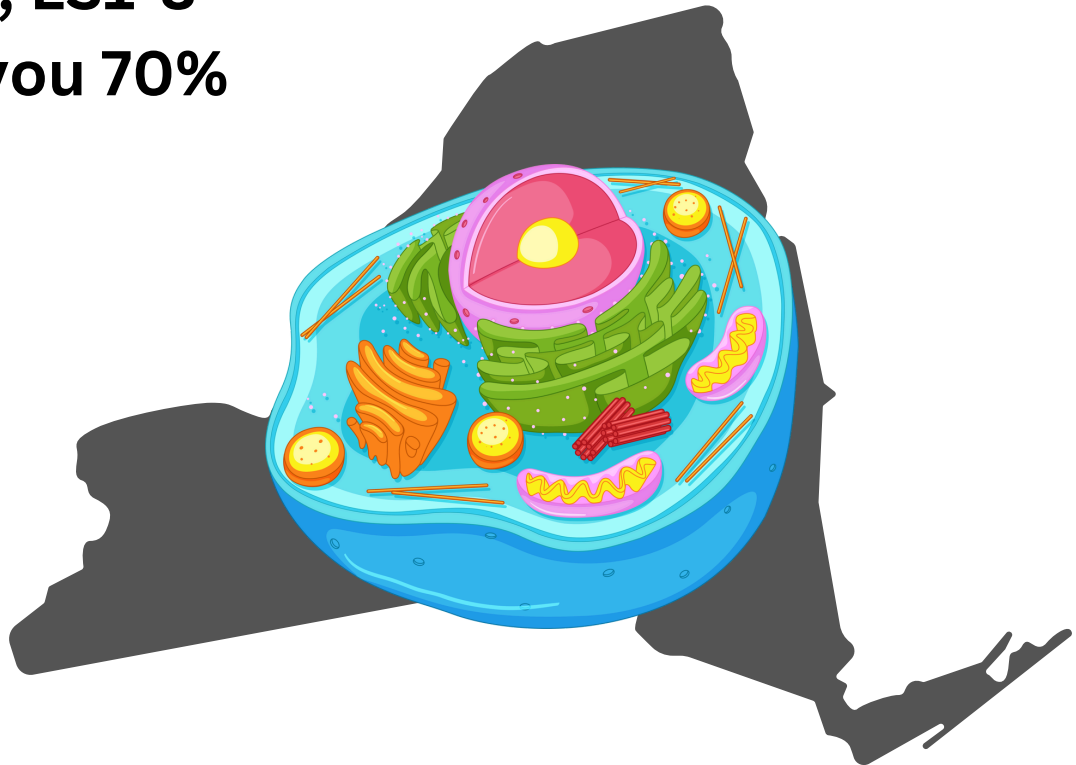


# New York State P-12 Science Learning Standards (NYSSLS)

## MS. Structure, Function and Information Processing

- ✓ Complete Standard for New York Middle School - Structure and Properties of Matter Standard
- ✓ MS-LS1-1, LS1-2, LS1-3, LS1-8
- ✓ The Bundle will SAVE you 70%



# UPGRADE to the Bundle



## This Bundle:

- Get immediate access to my **COMPLETE** New York State Middle School Curriculum
- Every standard covered at a **HUGE DISCOUNT**

## New York Middle School Science Curriculum

New York State P-12 Science Learning Standards (NYSSLS)

- ✓ Standards are directly aligned to New York State Middle School Science Standards according to the New York State Education Department
- ✓ The Bundle will SAVE you 80%



# Click here to have a look

# Resources Included

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## MS-LS1-1

- What Makes Something Alive Lesson
- Animal and Plant Cells Lesson
- Viruses Reading
- Crash Course Biology Why We Aren't Just One Big Cell
- Story Prompt Maya and the Remarkable World of Cells
- Case Study - How Viruses Make Us Sick
- Bill Nye Cells Video Worksheet
- Unicellular Multicellular Organisms Digital Interactive Notebook Pages
- Introduction to Cells Station Activity



## MS-LS1-2

- Cell Membrane and Transport Lesson
- Cellular Organelles Lesson
- Card Matching Cell Organelles Card Matching Game
- Cell Organelles - Scavenger Hunt
- Cell Organization Digital Interactive Notebook Pages
- Cells and Cell Organelles BINGO
- Cells and Organelles Word Sprint Game
- Cells and Organelles Word Search and Scramble
- Cellular Organelles Structure and Function Lab Station Activity
- Function of Cells Station Activity
- Crash Course BIOLOGY A Tour of the Cell Video Worksheet
- Diffusion Osmosis Through Cell Membrane Digital Interactive Notebook Pages
- Science Story Prompt Tanisha and the Cell Explorer



# Resources Included

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## MS-LS1-3

- Body Systems - Working Together to Keep You Alive! Lesson
- Muscle Growth Reading
- The Cardiovascular System Reading
- Body Systems in Action! Project
- Asthma and Asthma Attacks Reading
- Crash Course Biology Animal Infrastructure
- Human Body Systems Station Activity
- The Circulatory System Digital Interactive Notebook Pages
- The Digestive System Digital Interactive Notebook Pages
- The Excretory System Digital Interactive Notebook Pages
- The Muscular and Skeletal System Digital Interactive Notebook Pages
- The Nervous System Digital Interactive Notebook Pages
- The Respiratory System Digital Interactive Notebook Pages



## MS-LS1-8

- How Do We Sense the World Around Us?
- Sensory Receptors and Memories Station Activity

# Bundles Included

## 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-LS1-3 Curriculum Bundle Human Body Systems

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



## 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-LS1-8 Curriculum Bundle How We Sense the World Around Us

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



# Everything You Need to Teach Middle School Structure, Function and Information Processing in New York State using NYSSLS

## Complete Lessons

**Body Systems - Working Together to Keep You Alive**  
6th, 7th, 8th Grade Lesson

- ✓ Covers: Circulatory System, Excretory System, Digestive System, Respiratory System, Muscular System, Nervous System, How Systems Work Together
- ✓ Ideal for Middle School Science
- ✓ No-Prep Resource



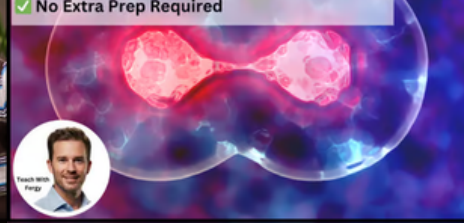
**How We Sense the World Around Us? Lesson**  
6th, 7th, 8th Grade

- ✓ How We Sense the World Using: Sight, Smell, Touch, Taste, and Hearing
- ✓ Student + Teacher Versions - Office, Google, and PDF Versions
- ✓ Multimedia-Rich Lesson with No Prep Required



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

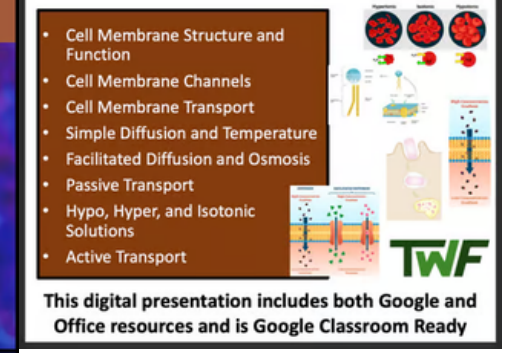
- ✓ Intro to Cell Biology: Plant and Animal cells
- ✓ Student + Teacher Versions:
- ✓ Multimedia-Rich Lesson:
- ✓ No Extra Prep Required



**Cell Membrane and Transport**  
Middle School Edition

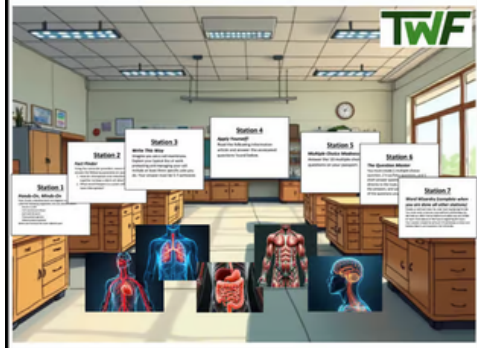
- Cell Membrane Structure and Function
- Cell Membrane Channels
- Cell Membrane Transport
- Simple Diffusion and Temperature
- Facilitated Diffusion and Osmosis
- Passive Transport
- Hypo, Hyper, and Isotonic Solutions
- Active Transport

This digital presentation includes both Google and Office resources and is Google Classroom Ready



## Engaging Activities

**Human Body Systems**  
NGSS-MS-LS1-3 Station Activity



Story Prompt

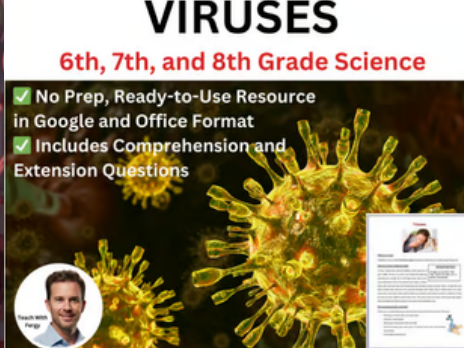
**Maya and the Remarkable World of Cells**



**Reading Comprehension Passage & Questions**

**VIRUSES**  
6th, 7th, and 8th Grade Science

- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



**Device-Based Scavenger Hunt**  
Cell Organelles

Includes

- 5 Unique Locations
- Online form submission
- Answer Key

Works on all smartphones, tablets, Chromebooks and laptops

- 100% Digital
- Simulations
- Quizzes
- Videos
- Games
- Word Scramble
- and more



# The Standard is Explained and the Resources it Incorporates are Outlined

## MS. Structure, Function and Information Processing – New York State – Middle School

**MS-LS1-1.** Conduct an investigation to provide evidence that living things are made of cells; either one cell or many different numbers and types of cells. [Clarification Statement: Emphasis is on developing evidence that living things (\*\*including Bacteria, Archaea, and Eukarya) are made of cells, distinguishing between living and non-living things, and understanding that living things may be made of one cell or many and varied cells. \*\*Viruses, while not cells, have features that are both common with, and distinct from, cellular life.]

### *Resources:*

- What Makes Something Alive Lesson
- Animal and Plant Cells Lesson
- Viruses Reading
- Crash Course Biology Why We Aren't Just One Big Cell
- Story Prompt Maya and the Remarkable World of Cells
- Case Study - How Viruses Make Us Sick
- Bill Nye Cells Video Worksheet
- Unicellular Multicellular Organisms Digital Interactive Notebook Pages
- Introduction to Cells Station Activity

**MS-LS1-2.** Develop and use a model to describe the function of a cell as a whole and ways that parts contribute to the function. [Clarification Statement: Emphasis is on the cell functioning as a system and the primary role of identified parts of the cell, specifically the nucleus, chloroplasts, mitochondria, cell membrane, and cell wall.] [Assessment Boundary: Assessment of structure/function relationships is limited to the cell wall and cell membrane. Assessment of the function of the other organelles is limited to their relationship to the whole cell. Assessment does not include the biochemical function of cells or cell parts.]

### *Resources:*

- Cell Membrane and Transport Lesson
- Cellular Organelles Lesson
- Card Matching Cell Organelles Card Matching Game
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# NYSSLS



# Who is this Bundle for?

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- Teachers who teach middle school science in **New York State** and use **NYSSLS**
- Teachers who want multiple resources at their fingertips including lessons and a variety of activities, in order to meet the standard
- Teachers who don't have time to develop their own resources or organize what to teach and when

