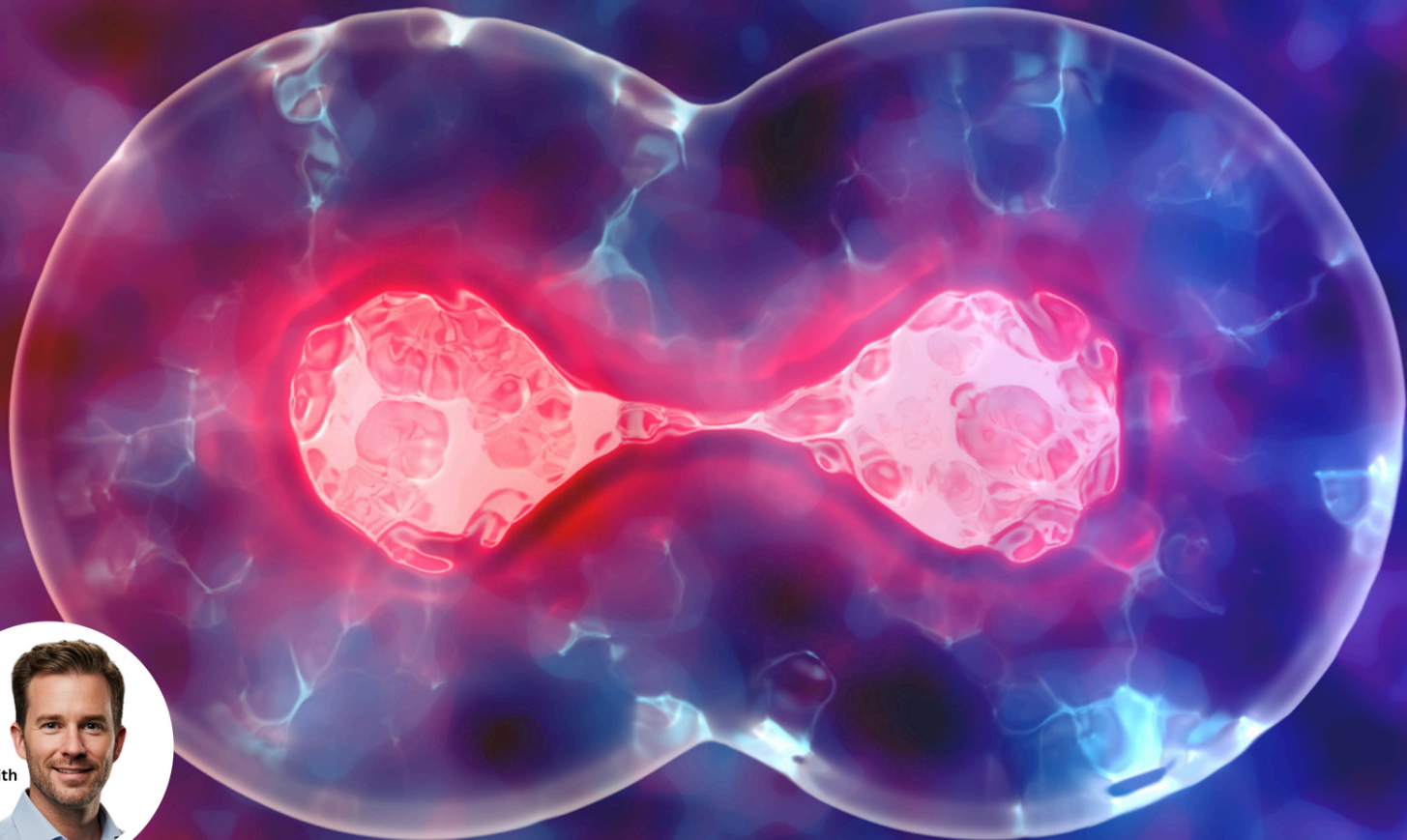


NGSS MS-LS1-2

Curriculum Bundle

Cell Structure and Function

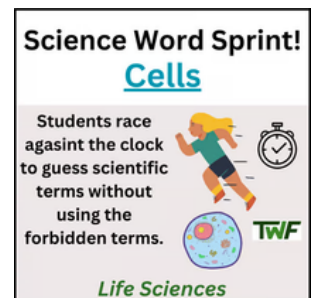
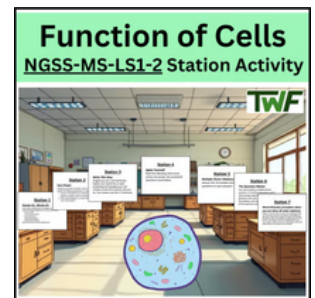
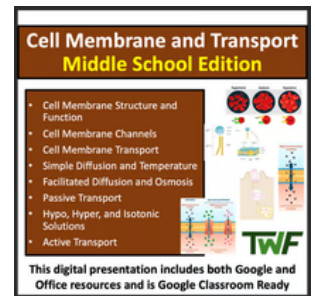
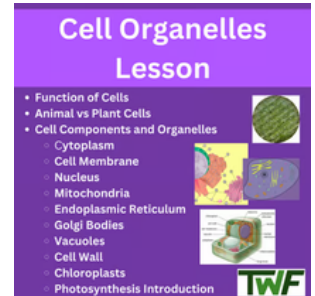


Resources Included

✓ 2 Lessons

✓ 11 Activities

- 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



Everything You Need to Teach

NGSS MS-LS1-2

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



TWF

Crash Course Biology 2.0 #23: A Tour of the Cell

- ✓ Classroom Ready - Just Print and Go!
- ✓ Active Engagement - Keep Students' Attention
- ✓ Direct Video Link Included

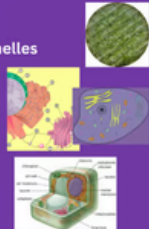
WATCH VIDEO



Includes Student Copy and Answer Keys

Cell Organelles Lesson

- Function of Cells
- Animal vs Plant Cells
- Cell Components and Organelles
 - Cytoplasm
 - Cell Membrane
 - Nucleus
 - Mitochondria
 - Endoplasmic Reticulum
 - Golgi Bodies
 - Vacuoles
 - Cell Wall
 - Chloroplasts
 - Photosynthesis Introduction



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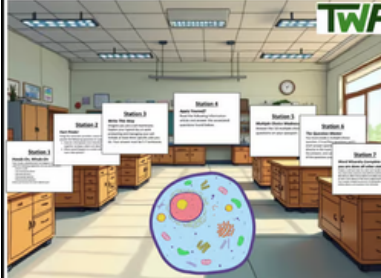
Cells and Organelles Word Search and Scramble

THREE Activities in One!

1. Basic 25-Term Word Search
2. Scrambled Words Word Search
3. Word Scramble and Define Activity



Function of Cells NGSS-MS-LS1-2 Station Activity



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Science Word Sprint! Cells

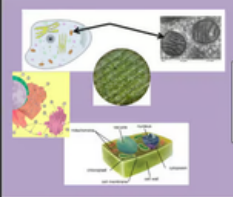
Students race against the clock to guess scientific terms without using the forbidden terms.



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Life Sciences

Cellular Organelles Lab Station Activity



Station 1: Cell Membrane - Focus on how the cell membrane controls what enters and leaves the cell. Station 5: Nucleus - Focus on the nucleus and its role in controlling the cell's activities.

7 Lab Station Activities to get your kids out of their seats and engaged in their learning.

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Cells and Cell Organelles

TWF BINGO



Chapter 6: Cell Organization Digital Interactive Notebook Pages

- 100% Digital and Interactive
- Perfect for your Google Classroom or Microsoft OneDrive



TWF

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




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Cell Organelle Matching Game

Grades 7-12



Cytoplasm: Located on the surface of the cell membrane, the cytoplasm is a gel-like substance that fills the cell. It contains various organelles and is the site of many cellular processes.

Water Balance: Water balance is the process of maintaining the correct amount of water in a cell. It is essential for the cell to function properly.

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A fun and interactive way to learn and review cellular organelles. Perfect for grades 7-12 as you can use whichever cards best fits your classroom.

Chapter 4: Diffusion and Osmosis Digital Interactive Notebook Pages

- 100% Digital and Interactive
- Perfect for your Google Classroom or Microsoft OneDrive



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Tanisha and the Cell Explorer

Story Prompt



The Standard is Explained and the Resources it Incorporates are Outlined

Next Generation Science Standards Package MS LS1 From Molecules to Organisms: Structures and Processes

MS-LS1-2. Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function. [Clarification Statement: Emphasis is on the cell functioning as a whole 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 organelle 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:

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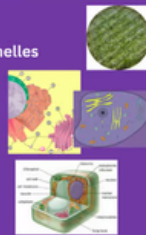


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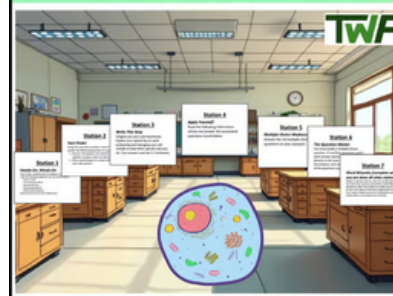
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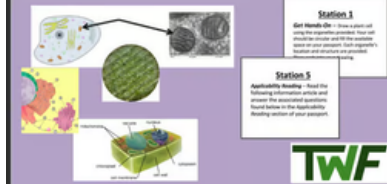


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Function of Cells NGSS-MS-LS1-2 Station Activity



Cellular Organelles Lab Station Activity



7 Lab Station Activities to get your kids out of their seats and engaged in their learning.

Who is this Bundle for?

- **Teachers who teach middle school science and use the NGSS**
- **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**