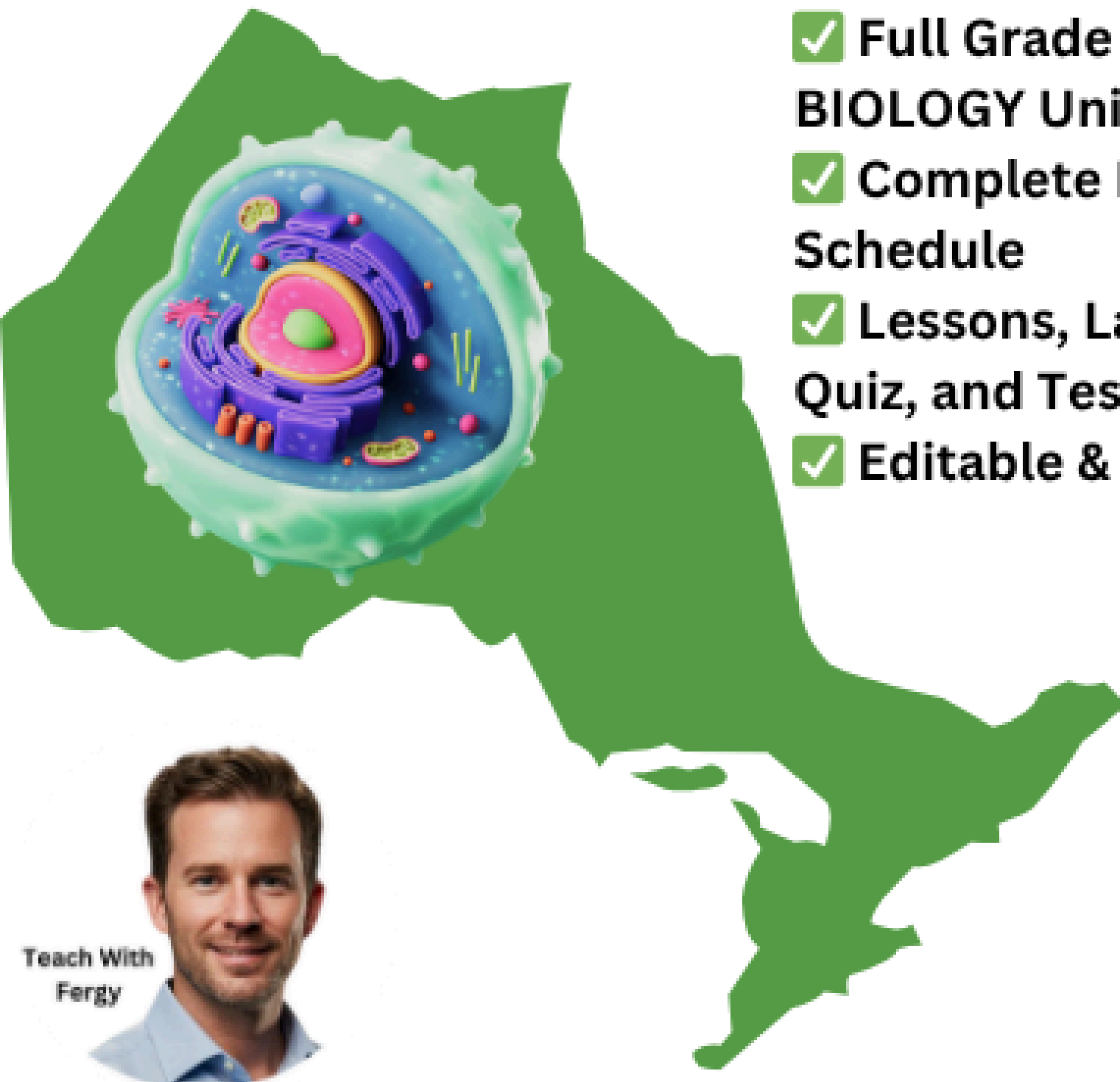


Ontario Grade 10 BIOLOGY Unit - SNC2D



- ✓ Full Grade 10 Ontario BIOLOGY Unit
- ✓ Complete Daily Teaching Schedule
- ✓ Lessons, Labs, Activities, Quiz, and Test
- ✓ Editable & Digital Resources

Exactly what I and other teachers use to teach Grade 10 Biology - Cells and Body Systems in Ontario - SNC2D

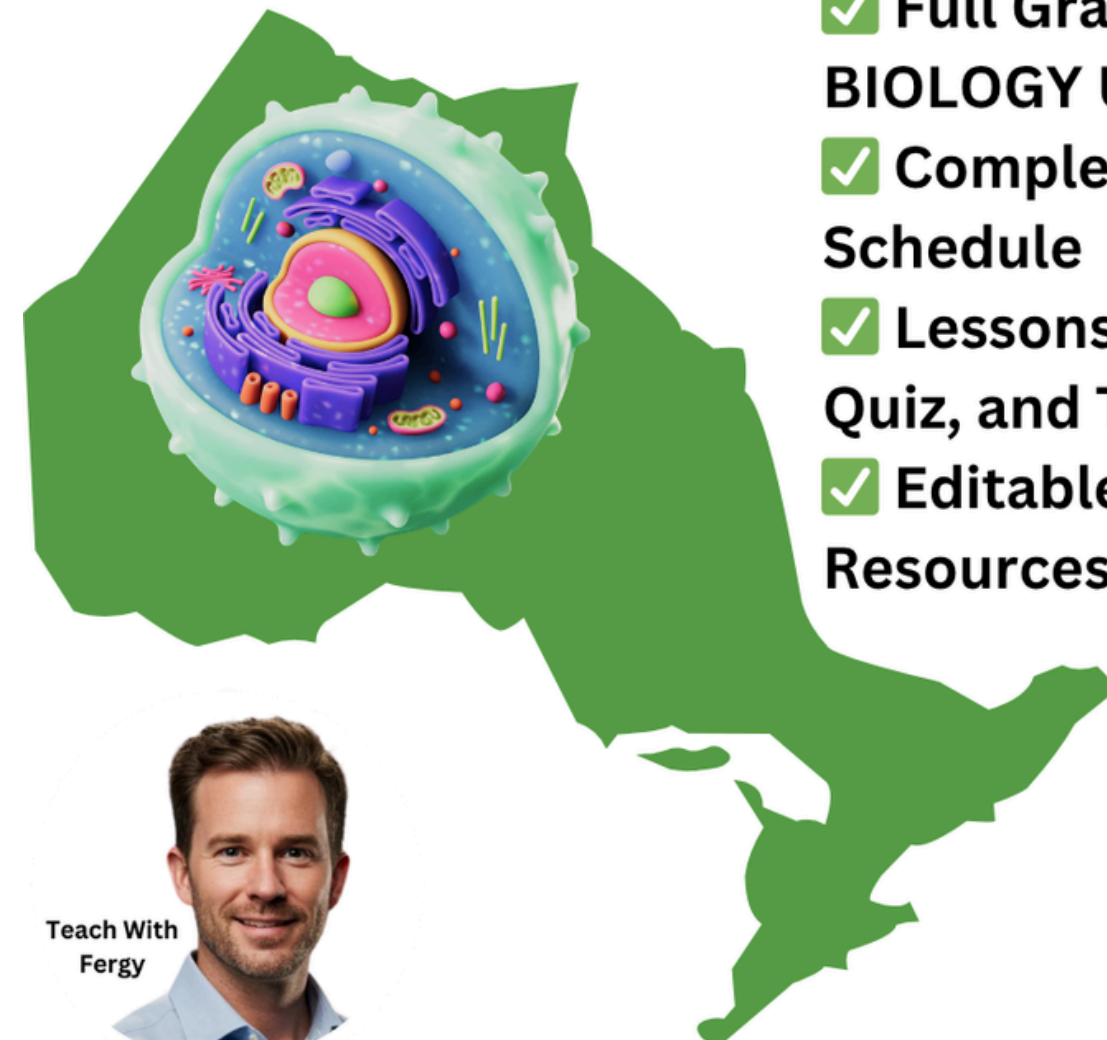
SCROLL
to take a look inside!



MY BIOLOGY CURRICULUM SOLVES...

- ★ Planning fatigue
- ★ Student engagement slumps
- ★ Differentiation challenges
- ★ The large scope and sequence of Cells and Body Systems

Ontario Grade 10 BIOLOGY Unit - SNC2D



- ✓ Full Grade 10 Ontario BIOLOGY Unit
- ✓ Complete Daily Teaching Schedule
- ✓ Lessons, Labs, Activities, Quiz, and Test
- ✓ Editable & Digital Resources

✓ Complete Curriculum
Including 9 Lessons and
Many Activities

✓ Teacher and Student
Versions of each Lesson

✓ Embedded Videos in your
Presentations + full Video
Lessons

✓ Projects, Scavenger Hunt,
Readings, and More

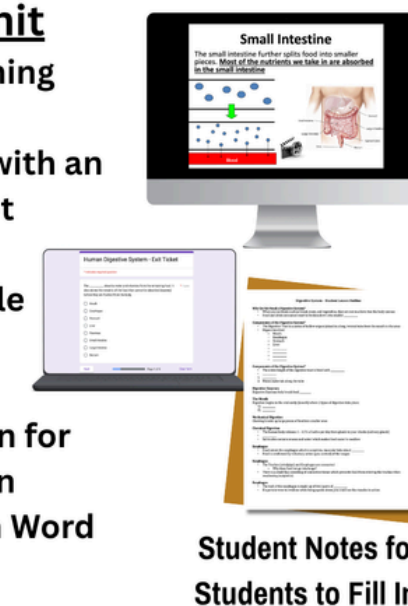
Your Curriculum



Lessons

Inside the Unit

- 5 Weeks of teaching materials
- 9 Lessons each with an Auto-Graded Exit Ticket
- Office and Google Version of EACH Lesson
- Full Video Lesson for Each Presentation
- Student notes in Word and Google Doc



**NO PREP - INCLUDES
EVERYTHING I USE TO TEACH
GRADE 10 BIOLOGY IN ONTARIO**

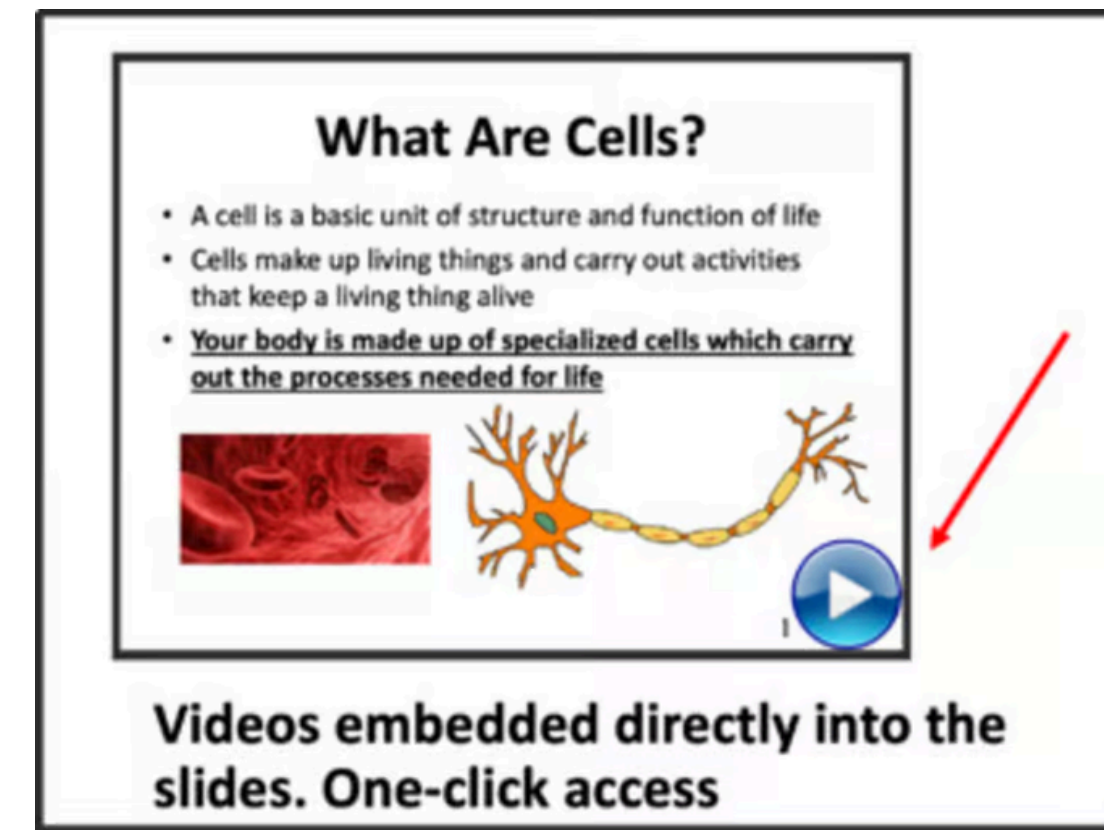
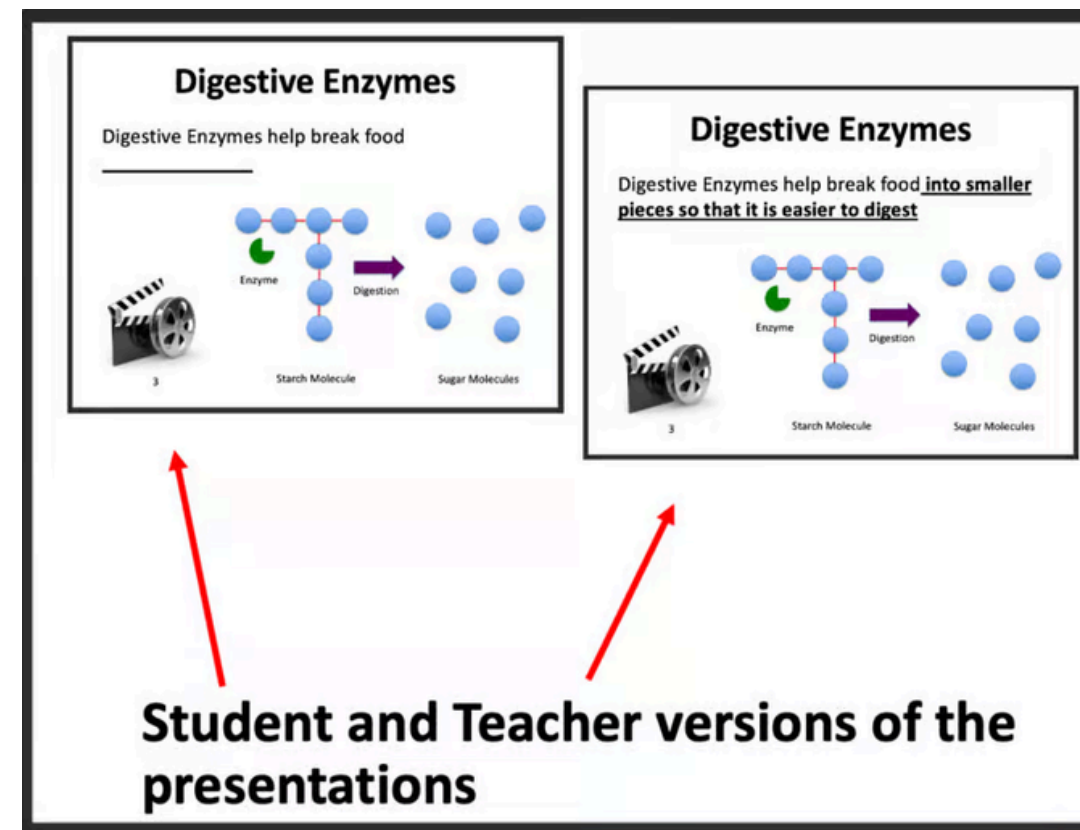
**Complete Presentations
+ Video Lessons**



**Activities and
Projects** →

9 Interactive Lessons

- ✓ Teacher and Student Versions of Each Lesson
- ✓ Fully Editable and includes Office, Google and PDF Versions
- ✓ Each Includes an Auto-Graded Exit Ticket via Google Forms



Engaging Activities



Mystery Activity



Case Studies



Projects



Reading Comprehensions

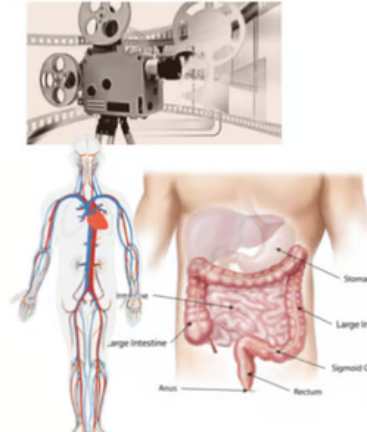


Labs and Video Worksheets



Digital Scavenger Hunt

Body Systems
Bell Ringers, Class Warm-Ups, and Exit Tickets



Blood

1. What is the main function of Red Blood Cells?
2. What is the main function of White Blood Cells?
3. What is the main function of Platelets?

Video

Watch the following video clip and summarize the main point(s) in 2-3 sentences. Your answer should emphasize the main idea(s) expressed in the video.



Grade 10 SNC2D Science Biology Unit

Note: Minds on videos are meant to be done at the start of class to get students thinking about what they'll be learning about in class that day.

Day 1:

- Teach Lesson 1 - The Cell Theory Model
 - Video - Lesson 1 - The Cell Theory
 - Microscope Introduction Assignment
 - HW: Microscope word list assignment

Day 2:

- Minds On - Could you Live
 - <https://www.youtube.com/watch?v=...>
 - Quiz - Microscope, Cell Size
 - Teach Lesson 2 - Cell Size
 - Video - Lesson 2 - Cell Size
 - HW: Quiz Next Day - MC

Day 3:

- Minds On - Could you Live
 - <https://www.youtube.com/watch?v=...>
 - Quiz - Microscope, Cell Size
 - HW: Quiz Next Day - MC

Day 4:

- Biological Drawings - Micro
- Microscopes with pre-prod

Day 5:

- The Human Cheek Cell Lab

Day 6:

- Teach Lesson 3 Mitosis - MC
 - Video - Lesson 3 MC

Day 7:

- Cell Division Step-Motion Project

Day 10:

- Start Lesson 4 - The Importance of Cell Division
 - Cell Division Step-Motion
 - Drawing should be completed by start of next class

Day 11:

- Finish Lesson 4 - The Importance of Cell Division
 - Video - Lesson 4 - The Importance of Cell Division
 - Cell Division Step-Motion

Day 12:

- Teach Lesson 5 - Cancer - Part 1
 - Video - Lesson 5 - Cancer - Part 1
 - Cell Division Step-Motion
 - HW: Cell Division Step-Motion

Day 13:

- Teach Lesson 5 - Cancer - Part 2
 - Video - Lesson 5 - Cancer - Part 2
 - Cell Division Step-Motion

Science Word Sprint! Human Body Systems

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

TWFLife Sciences

Story Prompt

Maya and the Remarkable World of Cells

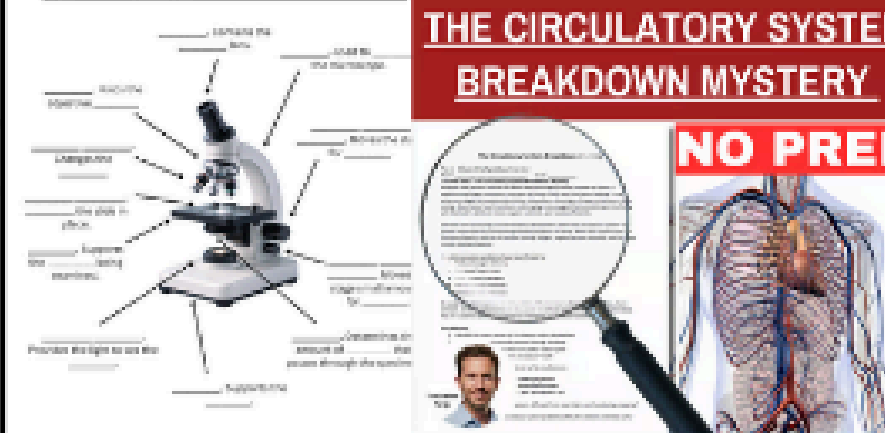
Red Blood Cells: Microscope Word List Assignment

Word	Definition	Word	Definition
erythrocyte	red blood cell	hemoglobin	protein in red blood cells
hematocrit	percentage of blood volume made up of red blood cells	leukocyte	white blood cell
platelet	small blood cell that helps with clotting	thrombocyte	another name for platelet
coagulation	clotting	clot	mass of blood that has clotted

THE CIRCULATORY SYSTEM BREAKDOWN MYSTERY

NO PREP

DETECTIVE FILE ON HOW ISSUES AFFECT THE HUMAN BODY



Daily Teaching Schedule

Day-by-day teaching schedule so you'll know what to teach and when each day. Plus many additional activities + Quiz + Unit Test

Grade 10 SNC2D Science Biology Unit

Note: Minds-on videos are meant to be done at the start of class to get students thinking about what they'll be learning about in class that day.

Day 1:

- Teach Lesson 1 - The Cell Theory Notes
 - Video - [Lesson 1 - The Cell Theory](#)
- Microscope Word List Assignment
- HW:
 - Microscope word list assignment

Day 2:

- Minds-On - Could you Live Forever - 0-6 min - <https://www.youtube.com/watch?v=u2cphuMbqfc>
- Quiz – Microscope, Cell Structure and Cell Theory NEXT DAY
- Teach [Lesson 2 – Cell Structure and Function](#)
 - Video - Lesson 2 – Cell Structure and Function
- HW:
 - Quiz Next Day– Microscope, Cell Structure and Cell Theory

Day 3:

- Minds-On - Could you Live Forever - 6-12 min - <https://www.youtube.com/watch?v=u2cphuMbqfc>
- Quiz – Microscope, Cell Structure and Cell Theory
- Bill Nye Cells – Video Worksheet

Day 4:

- Biological Drawings - Microscopes and the Letter F
- Microscopes with pre-prepared slides

Day 5:

- The Human Cheek Cell Lab

Day 6:

- Teach Lesson 3 Mitosis - Part 1
 - Video - [Lesson 3 Mitosis - Part 1](#)

Day 7:

- Teach Lesson 3 Mitosis - Part 2
 - Video - [Lesson 3 Mitosis - Part 2](#)

Day 8:

- Cell Division Stop-Motion Project

Day 9:

- Cell Division Stop-Motion Project

Day 10:

- Start Lesson 4 - The Importance of Cell Division
- Cell Division Stop-Motion
 - Drawing should be completed by start of next day

Day 11:

- Finish Lesson 4 - The Importance of Cell Division
 - Video - [Lesson 4 - The Importance of Cell Division](#)
- Cell Division Stop-Motion

Day 12:

- Teach Lesson 5 - Cancer - Part 1
 - Video - [Lesson 5 - Cancer - Part 1](#)
- Cell Division Stop-Motion
- HW:
 - Cell Division Stop-Motion

Day 13:

- Teach Lesson 5 - Cancer - Part 2
 - Video - [Lesson 5 - Cancer - Part 2](#)
- Cell Division Stop-Motion

Day 14:

- Teach - Lesson 6 - Specialized Cells
 - Video - [Lesson 6 - Specialized Cells](#)
- Cell Division Stop-Motion - last day to work on project in class. Project due in 4 days

Day 15:

- Bill Nye Digestion first half - stop 10:45
- Systems Project - I don't usually do both projects, so I'll choose between the Stop Motion and Systems Project
 - DAY 1
 - Form groups and choose topics
- Cell Division Stop-Motion due in 3 days

Day 16:

- Bill Nye Digestion second half - start 10:45
- Cell Division Stop-Motion due in 2 days
- Teach Lesson 7 – Digestive System
 - Video - [Lesson 7 - Digestive System](#)
- Systems Project Day 2

Day 17:

- Cell Division Stop-Motion due in 1 day
- Teach Lesson 8 - Circulatory System - Part 1
 - Video - [Lesson 8 - Circulatory System - Part 1](#)

Day 18:

- Cell Division Stop-Motion due TODAY
- Teach Lesson 8 – Circulatory System – Part 2
 - Video - [Lesson 8 - Circulatory System - Part 2](#)

Day 19:

- Teach Lesson 8 – Circulatory System - Part 3
 - Video - [Lesson 8 - Circulatory System - Part 3](#)
- Systems Project
- Finish Script → due halfway through class

DAY 21:

- Minds-On - What happens to your body at the top of Mount Everest - <https://www.youtube.com/watch?v=daV-tMnZelw>
- Review Lesson 9 – Respiratory System
 - Video - [Lesson 9 – Respiratory System](#)
- Systems Project

Day 22:

- Biology Review Period
- Work on project

Day 23:

- Biology Unit Test

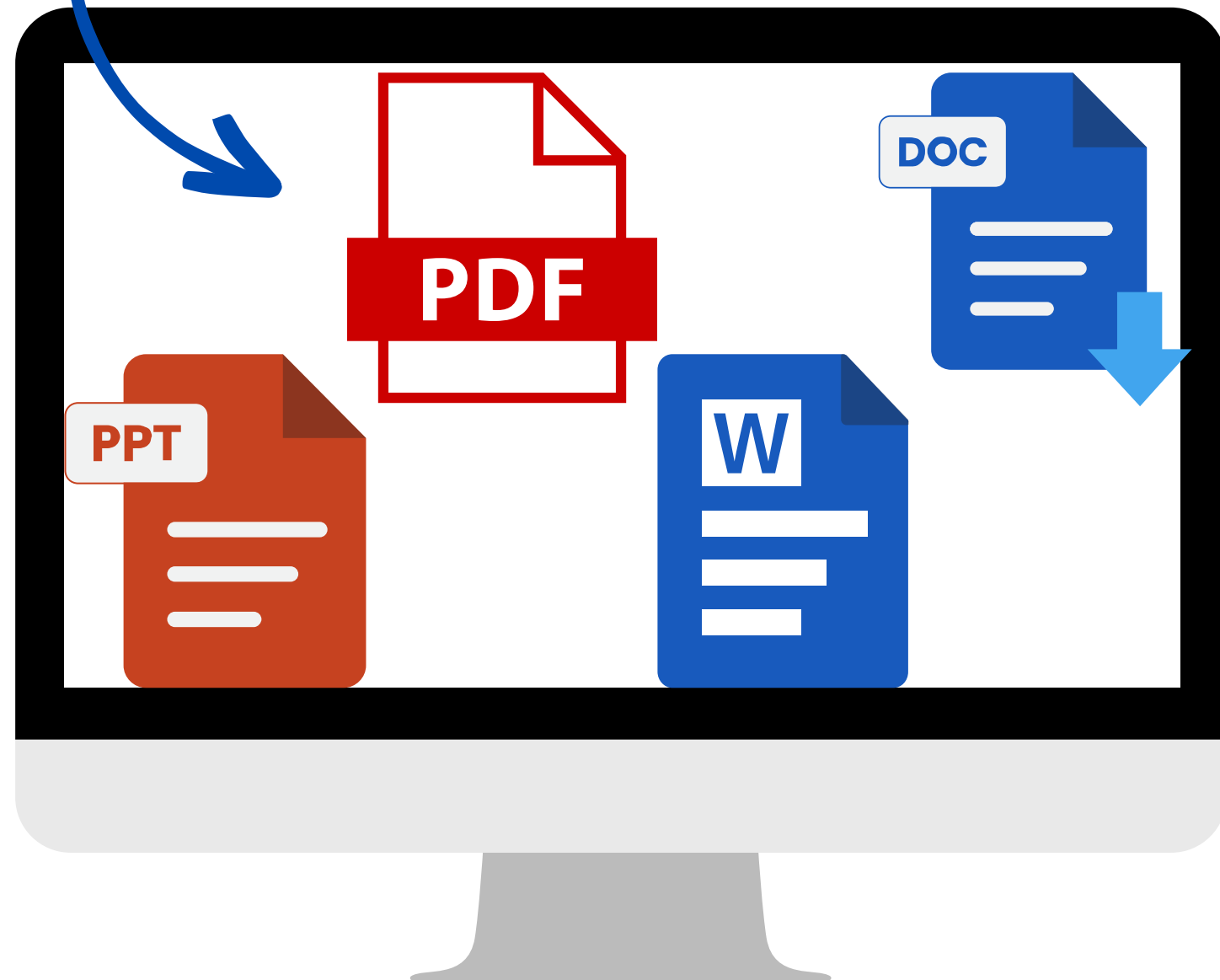
Biology Curriculum

Office, Google,
and PDF Versions

Interactive and
engaging



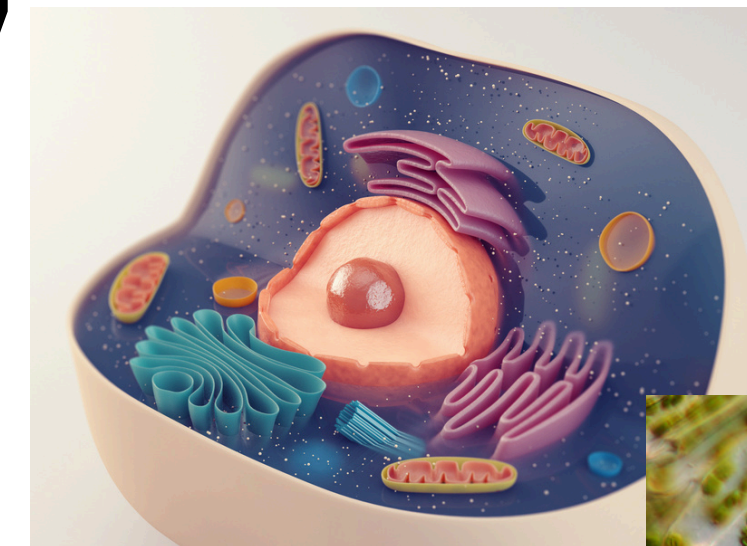
Upload everything directly
to your Google Classroom



Fully Editable

Cells and Body Systems Curriculum

Complete Body - Body Systems Unit
Include a Daily Teaching Schedule
Lessons, Activities, Projects, 1 Quiz,
1 Unit Test (with answer key)
Google & Print Ready and Aligned
to NGSS

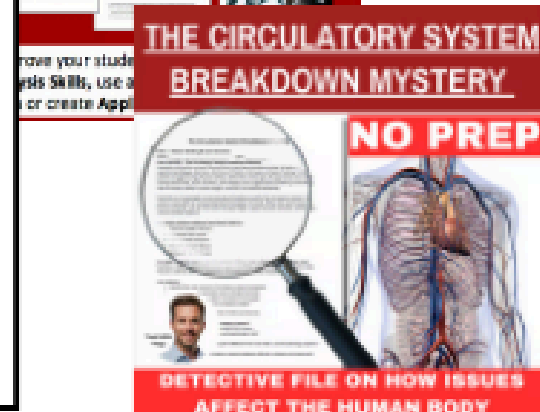
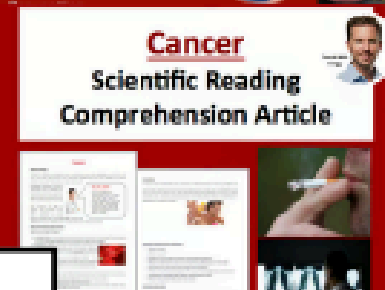


What Will Your Students Learn?

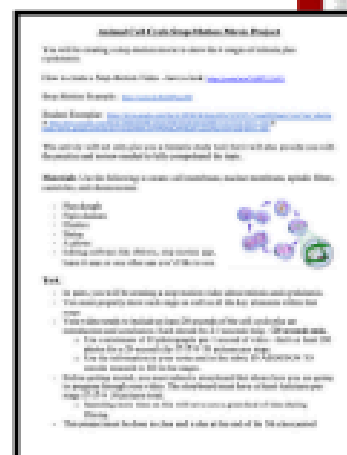
**NO PREP - INCLUDES EVERYTHING I
USE TO TEACH GRADE 10 BIOLOGY
IN ONTARIO**

- ✓ The Cell Theory
- ✓ Cell Structure
- ✓ Mitosis
- ✓ The Importance of Cell Division
- ✓ Cancer: Uncontrolled Cell Division
- ✓ Specialized Cells
- ✓ Human Digestive System
- ✓ Circulatory System
- ✓ Respiratory System

**Complete Presentations
+ Video Lessons**



**Activities and
Projects** →



Thanks
**for your interest
in this resource!**

I am a real person and if
you have any questions,
suggestions, or concerns,
please reach out.



devon@teachwithfergy.com

TWF

Teach With Fergy

*Let's
Connect!*

