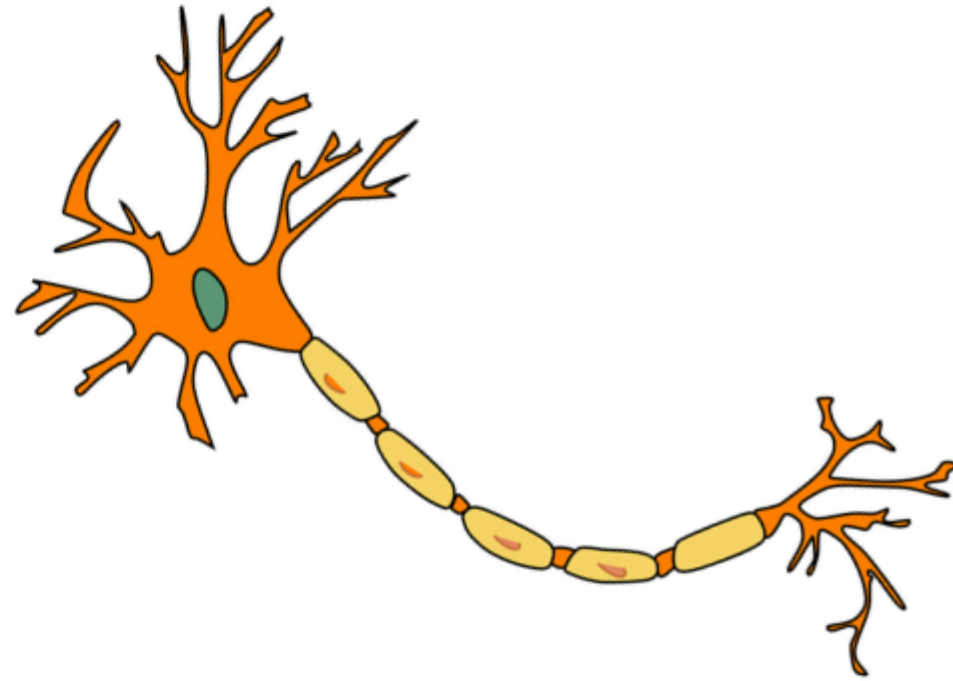


Specialized Cells

Lesson

- Teaching Timeline
- Grade 7-10

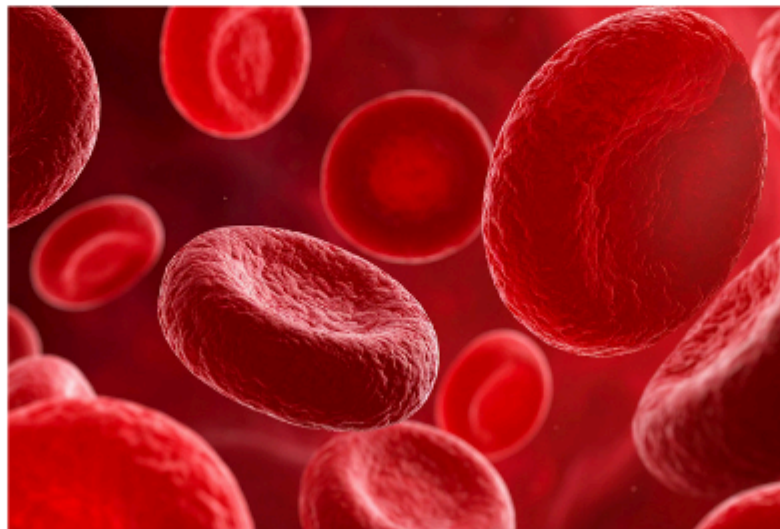
- Lesson
- 4 Question, Auto-Graded Exit Ticket



“

★★★★★ Extremely satisfied -
Awesome resource. Love it in the
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”



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HOW THIS LESSON HELPS YOU

- **Saves Prep Time** - Everything is pre-made, ready to go, and fully editable.
- **Provides Built-In Assessments** - The Exit Ticket lets you quickly check for understanding.
- **Provides Applicability** - the lesson includes multiple examples of real-life applications.

NO PREP

- ✓ **Simply Download and Project/Upload** to your class site.
- ✓ **Assessment Included** 4-Question, Auto-Graded Exit Ticket
- ✓ **Interactive & Video-Enhanced**
- ✓ **Google, Office, & PDF**

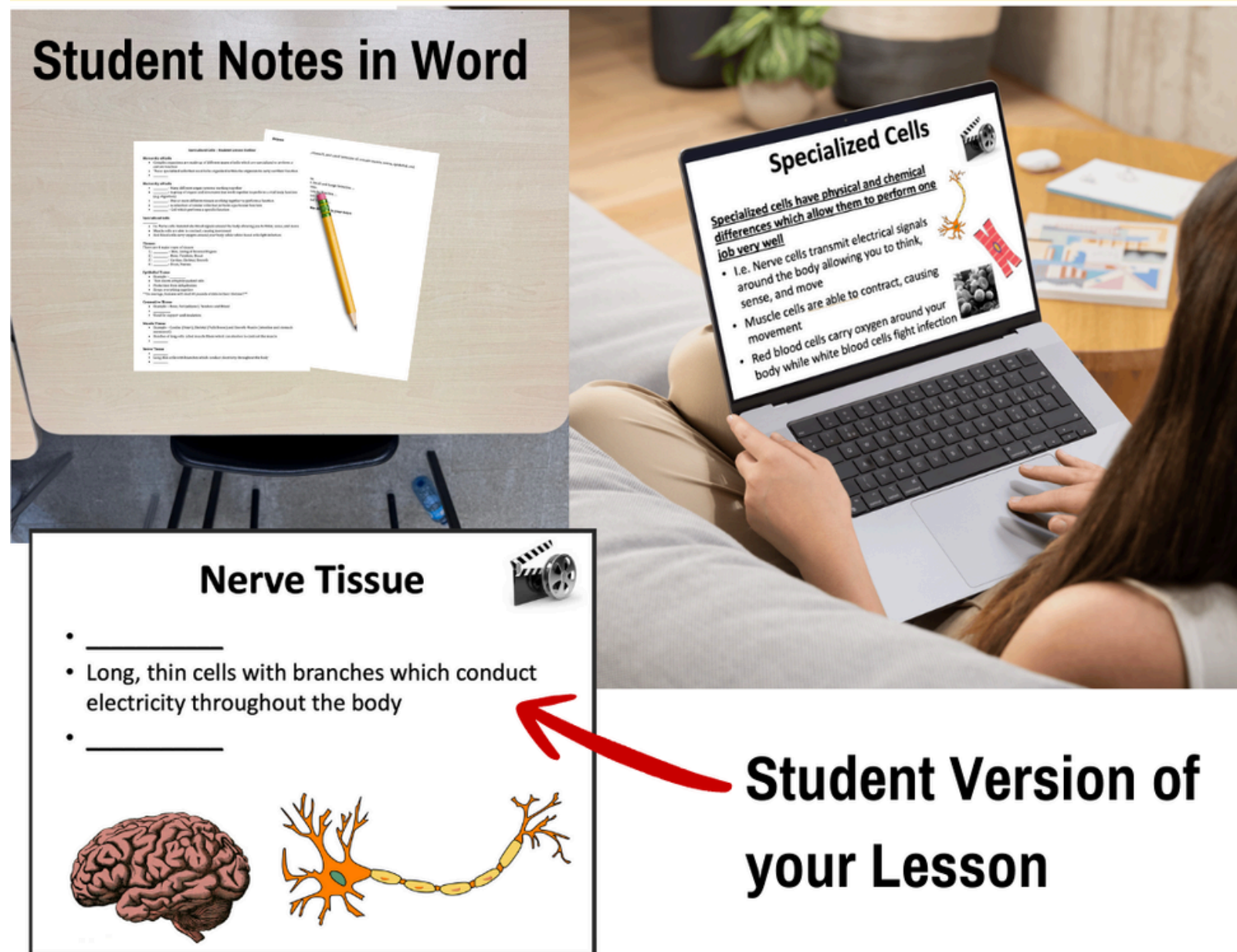


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- ★ **Teacher and Student Versions of your Lesson with Embedded Videos**
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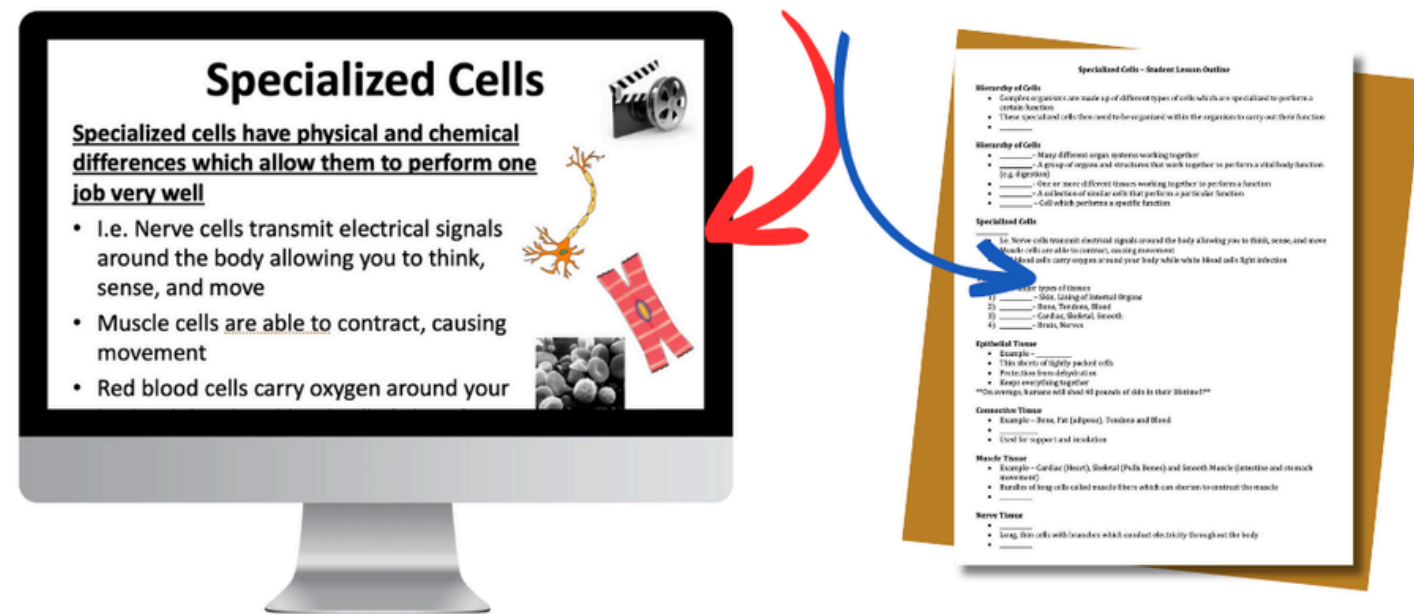
What You Get

SPECIALIZED CELLS TEACHER & STUDENT VERSION



What Will Your Students Learn?

Videos Embedded & Student Notes



Auto-Graded Exit Ticket + Google, PDF, & Office



- ✓ Hierarchy of Cells
- ✓ Specialized Cells
- ✓ Cells
- ✓ Tissues
- ✓ Organs
- ✓ Organ Systems
- ✓ Organisms



Your Lesson

Specialized Cells – Student Lesson Outline

Hierarchy of Cells

- Complex organisms are made up of different types of cells which are specialized to perform a certain function
- These specialized cells then need to be organized within the organism to carry out their function
- _____

Hierarchy of Cells

- _____ – Many different organ systems working together
- _____ – A group of organs and structures that work together to perform a vital body function (e.g. digestion)
- _____ – One or more different tissues working together to perform a function
- _____ – A collection of similar cells that perform a particular function
- _____ – Cell which performs a specific function

Specialized Cells

- I.e. Nerve cells transmit electrical signals around the body allowing you to think, sense, and move
- Muscle cells are able to contract, causing movement
- Red blood cells carry oxygen around your body while white blood cells fight infection

Tissues

There are 4 major types of tissues

- _____ – Skin, Lining of Internal Organs
- _____ – Bone, Tendons, Blood
- _____ – Cardiac, Skeletal, Smooth
- _____ – Brain, Nerves

Epithelial Tissue

- Example – _____
- Thin sheets of tightly packed cells
- Protection from dehydration
- Keeps everything together

****On average, humans will shed 40 pounds of skin in their lifetime**

Connective Tissue

- Example – Bone, Fat (adipose), Tendons and Blood
- _____
- Used for support and insulation

Muscle Tissue

- Example – Cardiac (Heart), Skeletal (Pulls Bones) and Smooth (causing movement)
- Bundles of long cells called muscle fibers which can shorten
- _____

Nerve Tissue

- _____
- Long, thin cells with branches which conduct electricity through the body
- _____

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Teacher and Student Versions of the Lesson

Videos embedded in your slides

SPECIALIZED CELLS TEACHER & STUDENT VERSION

Student Notes in Word

Nerve Tissue

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- _____

Student Version of your Lesson

Videos Embedded & Student Notes

Specialized Cells

Specialized cells have physical and chemical differences which allow them to perform one job very well

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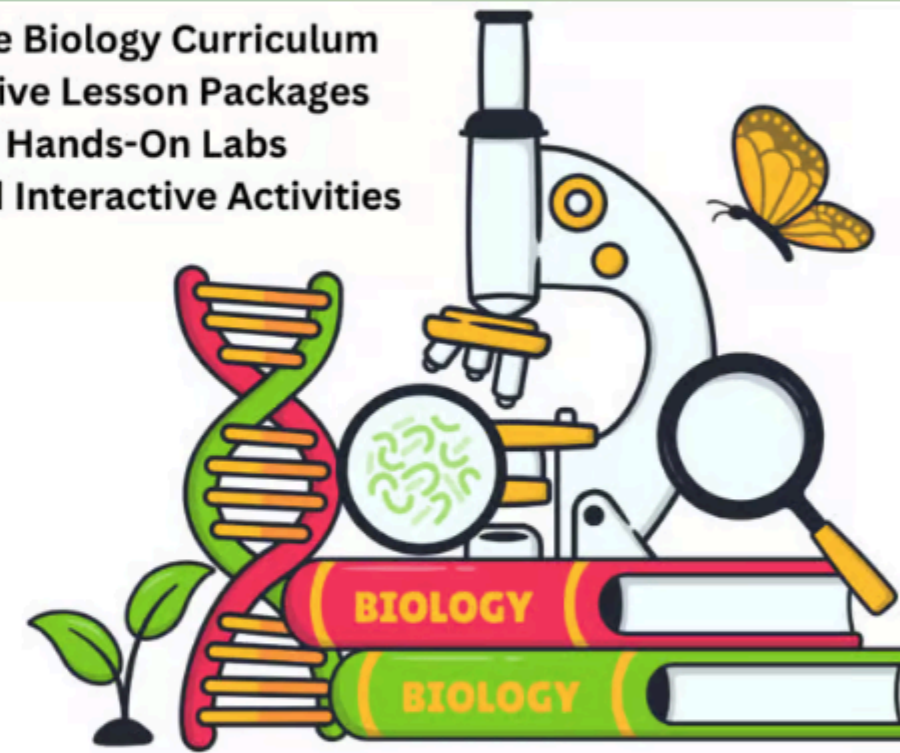


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