

Thank you for your purchase!

Thank you for your purchase of this product! I hope that it is as effective for your students as it has been for mine!

Don't forget to leave feedback to earn points toward your next purchase on TpT.

If you have any questions, please contact me at Erica.Praga.TpT@gmail.com

Suggestions for use:

You will need access to YouTube for this worksheet!

This video worksheet is great for:

- * introducing a topic at the beginning of a unit
- * additional work for early finishers
- * substitute work

I hope you enjoy this product and that it is useful to you!

Sincerely,

Teacher Erica



Name-_____ Date-_____

Tissues, Part 4 - Types of Connective Tissues
Crash Course Video Worksheet

Watch the [Tissues, part 4](#) video and answer the questions.

What was one of the main reasons we begin to cook meat in the first place?

Connective tissues are dominated, not by cells but by what?

The subclasses of connective tissue proper is based on what?

What is loose collective connective tissue made of?

A tendon is an example of what kind of connective tissue?

Describe loose connective tissues.

What is the most common loose connective tissue? Where is it found?
Describe its composition.

What is adipose tissue?

What is the composition of adipose tissue?

What is the purpose of adipose tissue?

How is reticular tissue different from areolar tissue?

Where is reticular tissue found and what is its purpose?

what do loose connective tissues have in common?

Describe regular dense connective tissue. Where is it normally found? And what is its purpose?

Describe dense irregular tissue.

Where do you find dense elastic tissue?

Describe cartilage.

Describe hyaline cartilage and where it's found.

Describe elastic cartilage and where it's found.

Describe fibrocartilage and where it's found.

What is bone tissue made of and what is its purpose?

Describe spongy bone and where it's found.

Describe compact bone tissue and where it's found.

Describe the makeup of blood.

What is the purpose of blood?

List and describe the three types of blood cells.

Name-_____ Date-_____

Tissues, Part 4 - Types of Connective Tissues
Crash Course Video Worksheet- **ANSWER KEY**

Watch the [Tissues, part 4](#) video and answer the questions.

What was one of the main reasons we begin to cook meat in the first place?
We began to cook meat to break down the connective tissues we cannot chew.

Connective tissues are dominated, not by cells but by what?
Connective tissues are dominated by an extracellular matrix of fibers.

The subclasses of connective tissue proper is based on what?
The subclasses of connective tissue proper are based on how many fibers it has in its ground substance.

What is loose collective connective tissue made of?
Loose connective tissue is made of elastin and collagen fibers.

A tendon is an example of what kind of connective tissue?
A tendon is an example of a dense connective tissue.

Describe loose connective tissues.

Loose connective tissues have fewer fibers and more cells.

What is the most common loose connective tissue? Where is it found?
Describe its composition.

The most common loose connective tissue is areolar and is found under the epithelial tissue and wrapped around organs. It is made of a random assortment of fibers with a few fibroblast fibers.

What is adipose tissue?

Adipose tissue is fat.

What is the composition of adipose tissue?

Adipose tissues is composed of mostly cells (called adipocytes).

What is the purpose of adipose tissue?

The purpose of adipose tissue is to store lipids and prevent heat loss.

How is reticular tissue different from areolar tissue?

Reticular tissue is made of a woven mass of reticular fibers.

ANSWER KEY

Where is reticular tissue found and what is its purpose?

Reticular tissue provides soft internal framework of the spleen, lymph node and bone marrow. It holds blood in place.

What do loose connective tissues have in common?

All loose connective tissues share an airy dispersal of fibers.

Describe regular dense connective tissue. Where is it normally found? And what is its purpose?

Dense connective tissues are made of bundles of collagen fibers running in parallel. They are found in ligaments and tendons and connect muscle to bone and bind bones at the joints.

Describe dense irregular tissue.

Dense irregular tissues is when the collagen fibers are not arranged in rows.

Where do you find dense elastic tissue?

You find dense elastic tissue around joints, connecting vertebra and on artery walls.

Describe cartilage.

Cartilage has no blood or nerves and stands up against tension and pressure.

ANSWER KEY

Describe hyaline cartilage and where it's found.

Hyaline cartilage is glassy looking and provides pliable support, contains lots of proteoglycans and can be found on the sternum and the tip of your nose.

Describe elastic cartilage and where it's found.

Elastic cartilage is similar to hyaline but with more elastic fibers, and is found in your ears.

Describe fibrocartilage and where it's found.

Fibrocartilage has thick fibers of collagen, and can withstand a lot of pressure. It is found in your knee joints and vertebrae.

What is bone tissue made of and what is its purpose?

Bone tissue is made of calcified connective tissue and provides support and protects structures.

Describe spongy bone and where it's found.

Spongy bone is found in the heads of long bones and inside long flat bones. It is strong but porous to make and store bone marrow.

Describe compact bone tissue and where it's found.

Compact bone tissue is dense with no visible spaces and is found in the external layer of bones and stores calcium.

ANSWER KEY

Describe the makeup of blood.

Blood is made of blood plasma with protein fibers.

What is the purpose of blood?

the purpose of blood is to deliver cells and nutrients and to move waste.

List and describe the three types of blood cells.

Red blood cells- carry oxygen and carbon dioxide

White blood cells- fight disease

Platelets- cell fragments

Thank you for your purchase!

I appreciate your purchase of the resources I create (and use)!

Don't forget to leave feedback to earn credit toward your next purchase! Follow me on TpT to be notified when new products are added!

If you have any questions or comments about this product, please email me at Erica.Praga.TpT@gmail.com

You MAY	You MAY NOT
Use this item for personal/student use in a SINGLE classroom	Give or copy this item for your friends or colleagues
Purchase licenses at a discount for others to use this resource	Post this item on a website for download (including personal, district or classroom websites)
	Post this item or any like copy for sale or free

© 2018 Teacher Erica's Science Store. All rights reserved. Purchase of this unit entitles the purchaser the right to reproduce the pages in limited quantities **for single classroom use only**. Duplication for an entire school, an entire school system or commercial purposes is strictly forbidden without written permission from the publisher.

Copying **any** part of this product and placing it on the Internet in any form (even a personal/classroom website) is strictly forbidden and is a violation of the Digital Millennium Copyright Act (DMCA). These items can be picked up in a google search and then shared worldwide for free.

