



You are going to be creating a section of a large “chapter” on histology. Each of you will be assigned one of the following tissues. You are to perform research to discover the following:

- Description of Tissue
- Locations in the body
- Functions
- Composition of Extracellular Matrix
- Cells Present with description of their function
- Fibers present
- Review Materials



In addition to conducting research and write a “section” of a textbook on your particular tissue you need to use the microscopes in the room to take several pictures of your tissue.

Use *Pages* to compile your research and insert your photos. You are designing your section within *Pages* to become part of a larger chapter the class will put together in the computer lab later in the week. Think about how you might design this section so I will be easy for your classmates to learn about your tissue. We will be moving to the computer lab on the third day to use *iBook Author* to create the actual sections.

Things to Consider:

- 🗳️ How should you introduce your tissue
- 🗳️ How many pictures will you need?
- 🗳️ How are you going to label your pictures (UPAD, Skitch--> then import to Pages)
- 🗳️ What types of review materials are you going to use
  - 🗳️ Multiple Choice Questions
  - 🗳️ Drag and Drop Quizzes
  - 🗳️ Images can be interactive

You must include at least the following “Widgets” in your section

1. Interactive image
2. Multiple Choice or Drag and Drop review questions

Please use the template called *Contemporary* when you create your *iBook* in the computer lab. I will then compile all of the projects together in one “Chapter”.

## **Tissue Choices**

### **Epithelium**

#### Simple

- Simple Squamous epithelium
- Simple Cuboidal epithelium
- Simple Columnar epithelium
- Pseudostratified Columnar epithelium (Non-ciliated and ciliated)

#### Stratified

- Stratified Squamous Epithelium
- Stratified Cuboidal Epithelium
- Stratified Columnar Epithelium
- Transitional Epithelium

### **Connective Tissue**

#### Loose Connective Tissue

- Areolar Connective Tissue
- Adipose Tissue
- Reticular Connective Tissue

#### Dense Connective Tissue

- Dense Regular Connective Tissue
- Dense Irregular Connective Tissue
- Elastic Connective Tissue

#### Cartilage

- Hyaline Cartilage
- Fibrocartilage
- Elastic Cartilage

#### Bone

#### Blood Tissue

#### Muscle Tissue

- Skeletal Muscle
- Cardiac Muscle
- Smooth Muscle

#### Nervous Tissue