**Tissue Notes**

Tissue-

There are 4 major types of tissue:



**1. Epithelial Tissue**

General Characteristics:   
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There are \_\_\_\_\_\_\_\_\_ types of epithelial tissue we will learn.

Categorized based on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the cells and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Vocab you need to know to identify epithelial tissue:

Simple-

Stratified-

Squamous-

Cuboidal-

Columnar-

Pseudo-

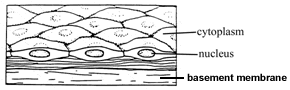
**SIMPLE EPITHELIUM**

1. SIMPLE SQUAMOUS

Description:

Function:

Location:

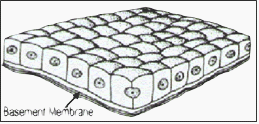


1. SIMPLE CUBOIDAL –

Description:

Function:

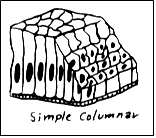
Location:



1. SIMPLE COLUMNAR –

Description:

Function:

Location:

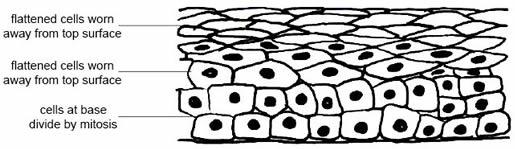
**STRATIFIED EPITHELIUM**

1. STRATIFIED SQUAMOUS –

Description:

Function:

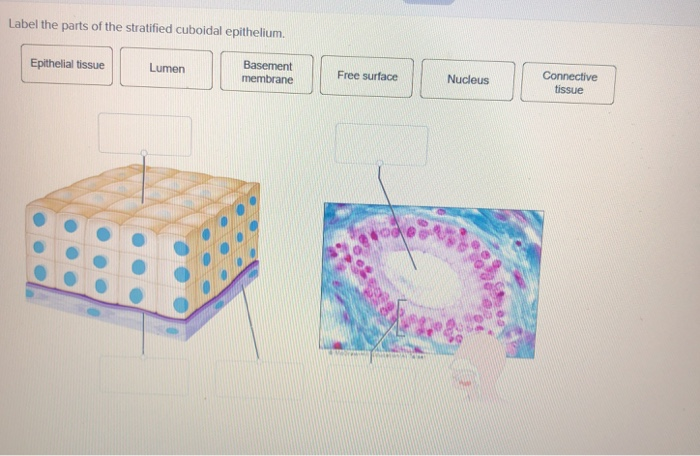
Location:



1. STRATIFIED CUBOIDAL –

Description:

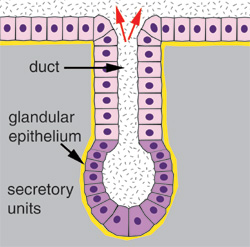
Function:

Location:

**SPECIAL TYPES OF EPITHELIAL CELLS**

1. GLANDULAR EPITHELIUM –

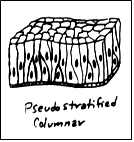
Description:

Function:

Location:

1. PSEUDOSTRATIFIED COLUMNAR –

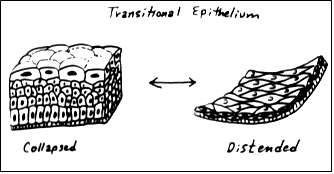
Description:

Function:

Location:

1. TRANSITIONAL EPITHELIUM –

Description:



Function:

Location:

**2. Connective Tissue**

General Characteristics:

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Functions:

Composition:  
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***Three common types of cells in connective tissue:***

1. Mast cells-

2. Macrophages-

3. Fibroblasts-

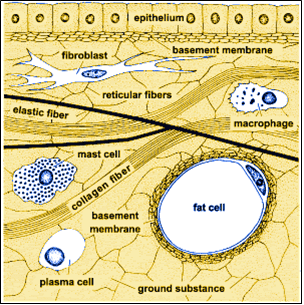
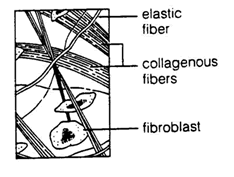
*Main types of fibers*:

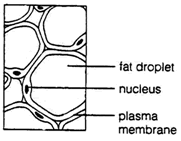
1. collagenous fibers-

Example-

2. elastic fibers-

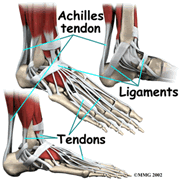
Example-



CATEGORIES OF CONNECTIVE TISSUE

1. Loose C.T. Areolar-

2. Adipose tissue - aka FAT,

3. Fibrous C.T

4. Cartilage

*Types of Cartilage*

-Hyaline cartilage-

-Elastic cartilage ,

-Location:

-Fibrocartilage- .

Location:

5. Bone Tissue –

6. Blood Tissue-

**3. Muscle Tissue**

**Function:**

1. Skeletal -

2. Smooth -

3. Cardiac -

**4. Nerve Tissue -**

**Function:**

1. Neurons - transmit signals

2. Neuroglia - protection, support