

## 2.2 How Do Cells Work Together

### **Types of Cells and Their Work (p. 42)**

- There are \_\_\_\_\_ main types of cells:

<b>Cell type</b>	<b>What it looks like</b>	<b>Job</b>	<b>Where they are found</b>
	Hair, web, tree branches	Send signals to the	
	, overlapping like	to and protect a surface	
	round discs with two big dimples	carry to all cells	

- Special Cell Structures: (p. 43)

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### **Cells form Tissues (p. 44)**

- Cells rarely work \_\_\_\_\_; they work together to form \_\_\_\_\_.

★ Tissue = a \_\_\_\_\_ of the same type of \_\_\_\_\_  
working \_\_\_\_\_ doing the same job.

- Types of tissues:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## Tissues form Organs (p. 44)

• Tissues join together to form \_\_\_\_\_.

\* Make a flow chart from smallest to greatest:

\_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_

★ Organ = a grouping of different \_\_\_\_\_

combined together into one \_\_\_\_\_.

• Major organs of the body:

1) Stomach – breaks down \_\_\_\_\_ and waste in the body

2) Heart – pumps \_\_\_\_\_ to the body

3) Lungs – provide \_\_\_\_\_ to the body

4) Liver – filters toxins out of the \_\_\_\_\_

• \_\_\_\_\_ and \_\_\_\_\_ have organs,

too!

• Plant organs = \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_, and \_\_\_\_\_.

## Skin Cell Tissue (p. 45)

• Skin is the \_\_\_\_\_ organ on your body.

• Skin's three major jobs:

1) protect the \_\_\_\_\_ of your body

2) keep out \_\_\_\_\_

3) prevent too much \_\_\_\_\_ from leaving the body

• Skin is \_\_\_\_\_ and \_\_\_\_\_!!

• There are \_\_\_\_\_ layers of skin cells on the top layer.

• Skin cells form in the \_\_\_\_\_ layers and push layers \_\_\_\_\_ and out.

• By the time the layers are visible, they are \_\_\_\_\_.

• It takes \_\_\_\_\_ for skin cells to get pushed to the surface.

### Other Tissues Working in the Skin (p. 45)

Tissues in Skin	Job
	help you sense pressure, touch, and temperature *
	carry food and oxygen to cells
	keep skin soft
	pulls hair upright, causing goosebumps
	cushions and warms the skin