

Task Card #1: Labeling Plant & Animal Cells

You will need to collect the Task 1 worksheet, your RHC from this mission as well as some pencil crayons or markers. Please follow the directions found on the worksheet and your mission sheet.

Task Card #2: Difference between Plant & Animal Cells

Collect task card #2, the text "Differences between Plant and Animal Cells as well as your Read, Highlight & Comprehend page on The Basic Unit of the Cell to complete this task card.

1. Create a chart like the one found below and fill it in using the text and RHC sheet to help you.

Animal Cells Only	Both Types of Cells	Plant Cells Only

2. Where in a cell is genetic information found?
3. What can a plant cell do that no animal cell can?
4. What determines the specific characteristics of a person?

Task Card #3: Replication

You will need the textbook to refer to pages 148 and 149.

1. Create the chart below and fill it in using the pages listed above.

Function of Cell Division	Why it is important
Healing and Tissue Repair	
Growth	
Reproduction of Organisms	

2. Instead of dividing, why don't cells simply continue to increase in size?
3. Provide evidence that suggests that not all cells in your body divide at the same rate.
4. Why are scientists so interested in understanding how cells replicate? Why is this important to society?

Task Card #2: Difference between Plant & Animal Cells

Collect task card #2 text as well as your Read, Highlight & Comprehend page on The Basic Unit of the Cell to complete this task card.

5. Create a chart like the one found below and fill it in using the text and RHC sheet to help you.

Animal Cells Only	Both Types of Plants	Plant Cells Only

6. Where in a cell is genetic information found?
7. What can a plant cell do that no animal cell can?
8. What determines the specific characteristics of a person?