**Plant & Animal Cell Foldable Activity**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Use this sheet as a check list to make sure you have included all the required information in your foldable.*

**1. Front Cover: Left side: Plant Cell**

Label and/or number the following structures:

1. Cell Wall

2. Chloroplasts

3. Cytoplasm

4a. Smooth Endoplasmic Reticulum

4b. Rough Endoplasmic Reticulum

5. Nuclear Envelope

6. Nucleolus

7. Vacuole

**Right side: Animal Cell**

Label and/or number the following structures:

8. Cell Membrane

9. Chromatin

10. Nucleus

**2. Inside:**

***Tell me: What is it and what does it do? Keep it simple!***

**Left side** Plant Cell

11. Golgi Bodies

12. Lysosomes

13. Mitochondria

14. Cytoskeleton

15. Ribosomes

List, define, & describe function of the organelles that are *only found or look significantly different in plant cells*.

Cell Wall Lysosome Vacuole Chloroplast

**Right side:** Animal Cells

List, define, & describe function of the organelles that are *only found or look significantly different in animal cells*.

Lysosome Vacuole

**Center:** Plant and Animal Cells

List, define, & describe function of all 14 organelles found in both plant and animal cells.

Cell Membrane

Chromatin

Cytoplasm

Cytoskeleton

**3. On Back:**

Rough Endoplasmic Reticulum

Smooth Endoplasmic Reticulum

Golgi Apparatus/Bodies

Mitochondria

Nuclear Envelope

Nucleolus

Nucleus

Ribosomes

**Name:** First and Last Name, Due Date and Period #

**Plant and Animal Cell Foldable Grading Rubric**

1. **Plant cell is clearly labelled with the following:**
2. Cell wall
3. Chloroplast
4. Cytoplasm

4a. Smooth ER

4b. Rough ER

1. Nuclear envelope/membrane
2. Nucleolus
3. Vacuole

\_\_\_\_\_\_\_\_\_ / 8 points

1. **Animal cell is clearly labelled with the following:**
2. Cell membrane
3. Chromatin
4. Nucleus
5. Golgi apparatus/bodies
6. Lysosome
7. Mitochondria
8. Cytoskeleton

\_\_\_\_\_\_\_\_\_ / 8 points

1. Ribosomes
2. **Plant and Animal Cell Differences:**

**Left side**: Plant cell organelles defined; function & differences (in any) described.

\_\_\_\_\_\_\_\_\_ / 4 points

Cell wall

Lysosome

Vacuole

Chloroplast

**Right side**: Animal cell organelles defined; function & differences described.

Lysosome

Vacuole

\_\_\_\_\_\_\_\_\_ / 2 points

1. **Plant and Animal Cell Similarities:**

**Center**: Plant and animal cell organelles defined & function described.

Cell membrane

Chromatin

Cytoplasm

Cytoskeleton

Rough ER

Smooth ER

Golgi bodies

Mitochondria

Nuclear envelope

Nucleolus

Nucleus

Ribosomes

\_\_\_\_\_\_\_\_\_ / 12 points

1. **Communication**

Clearly understood

Neat

Coloured

Spelling/Grammar

Well-organized

Professionally presented

**Total: \_\_\_\_\_\_\_\_\_ / 38 points**

\_\_\_\_\_\_\_\_\_ / 4 points