

Unit 2 Checklist – Cells

#	Question	Pre-Assessment	Lesson Exit Ticket
1	Describe the 3 parts of the cell theory .	1. 2. 3.	1. 2. 3.
2	Explain the role of the microscope in the discovery of cells.		
3	Describe the theory of spontaneous generation and evaluate whether it was correct.	Spontaneous generation is the idea that... It is correct / wrong (circle 1).	Spontaneous generation is the idea that... It is correct / wrong (circle 1).
4	Describe the roles of Hooke and Van Leeuwenhoek in the discovery of cells.	Hooke – Van Leeuwenhoek –	Hooke – Van Leeuwenhoek –
5	Describe the roles of Schwann , Schleiden , and Virchow in the development of the cell theory.	Schwann – Schleiden – Virchow –	Schwann – Schleiden – Virchow –
6	Identify at least three similarities among all living things.	1. 2. 3.	1. 2. 3.
7	Identify the 2 basic types of cells.	1. 2.	1. 2.
8	Describe at least 3 important differences between prokaryotic cells and eukaryotic cells by completing each statement.	1. Only eukaryotes have... 2. Only eukaryotes have... 3. Compared to prokaryotes, eukaryotic cells are...	1. Only eukaryotes have... 2. Only eukaryotes have... 3. Compared to prokaryotes, eukaryotic cells are...
9	Identify the 4 kingdoms that include eukaryotes .	1. 2. 3. 4.	1. 2. 3. 4.

10	Identify the 2 domains and kingdoms that include prokaryotes .	1. The _____ domain contains the _____ kingdom. 2. The _____ domain contains the _____ kingdom.	1. The _____ domain contains the _____ kingdom. 2. The _____ domain contains the _____ kingdom.
11	Explain the <i>difference</i> between a unicellular organism and a multicellular organism.		
12	Explain " cell specialization " and describe an example.		
13	Describe the functions of each organelle . Circle which organelles are found in plant cells but not animal cells .	Nucleus – Endoplasmic reticulum – Ribosome – Golgi – Lysosome – Mitochondrion – Chloroplast – Cell membrane – Cell wall – Vacuole – Centrioles – Cytoplasm –	Nucleus – Endoplasmic reticulum – Ribosome – Golgi – Lysosome – Mitochondrion – Chloroplast – Cell membrane – Cell wall – Vacuole – Centrioles – Cytoplasm –