

5th Grade Science Course 2 – Cells & Microorganisms Proficiency Sheet

| Lessons | Topics | Learning Target | Activities | Score/% | Date taken |
|---------------------------|--------------------------|---|---|---------|------------|
| Pretest | | | 5 th Grade Science Course 2 Pretest: Cells & Microorganisms | | |
| 2.0 Introduction to Cells | a. Introduction to Cells | I will be able to describe and explain the importance of cells and how they work together to form an organism. | 1. Introduction to Cells Pretest (fsicourses.net) 2. Decomposition Claims-Evidence-Reasoning Activity (liveworksheets.com) 3. Introduction to Cells Reading for Meaning (liveworksheets.com / Print out) 4. Introduction to Cells Post test (fsicourses.net) | | |
| 2.1 Plant & Animal Cells | a. How Small are Cells? | I can gather evidence by utilizing technology tools to support a claim that plants and animals are comprised of cells too small to be seen without magnification. | 1. Cells & Microscopes Pretest (fsicourses.net) 2. Cells & Microscopes video notes (liveworksheets.com) 3. Parts of Microscope Interactive (liveworksheets.com) 4. Introduction to the Light Microscope Lab (Print out) | | |

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| | | | 5. Cells & Microscopes Post test (fsicourses.net) | | |
| | b. Parts of Plant & Animal Cells | - I can develop a model to identify and label parts of a plant and animal cell. - I can construct an explanation that differentiates between the structure of plant and animal cells. | 1. Animal vs. Plant Cells Pretest (fsicourses.net) | | |
| | | | 2. Plant vs. Animal Cells Video Notes (liveworksheets.com) | | |
| | | | 3. Plant vs. Animal Cell Venn Diagram (liveworksheets.com) | | |
| | | | 4. Identify Parts of Plant & Animal Cells Matching Interactive (liveworksheets.com) | | |
| | | | 5. Animal & Plant Cell Anatomy Felt Models Lab (Print out) | | |
| | | | 6. Animal vs. Plant Cells Gallery Walk (Print out) | | |
| | | | 7. Onion & Cheek Cell Microscope Lab (Print out) | | |
| | | | 8. Animal vs. Plant Cells Post test (fsicourses.net) | | |
| 2.2 Beneficial vs. Harmful Microorganisms | a. Beneficial vs. Harmful Microorganisms | I can construct an argument using scientific evidence to support a claim that some microorganisms are beneficial and some microorganisms are harmful. | 1. Beneficial vs. Harmful Microorganisms Pretest (fsicourses.net) | | |
| | | | 2. Beneficial vs. Harmful Microorganisms Video Notes | | |

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 **LIVEWORKSHEETS**

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|------------------------|--|---|--|
| | | (liveworksheets.com) | |
| | | 3. Microorganisms Interactive Review (liveworksheets.com) | |
| | | 4. Microorganisms Collect, Grow, & Analyze Lab (liveworksheets.com) | |
| | | 5. Beneficial vs. Harmful Microorganisms Post test (fsicourses.net) | |
| Course 2 Review | | 1. Course 2 Review (liveworksheets.com) | |
| | | 2. Course 2 Post test: Cells & Microorganisms (fsicourses.net) | |
| | | 3. Course 2 Benchmark Assessment (Schoolcity) | |
| | | 4. Course 2 Benchmark Reassess/Accelerate (Assessment print out, Zipgrade) | |