

NAME: _____

PERIOD: _____

7th Grade / Life Science

Cells and Microscopes Goal Sheet

Topic	Green	Blue	Black
Characteristics of Living Things	Student can identify and explain the six characteristics of living things.	Through observations, students will determine whether or not objects are living or not based on the characteristics of living things.	Students will create their own organism and explain why it is living using the six characteristics of living things.
Cells and Cell Organelles	Student's cell model has all parts of the cell labeled correctly and includes a key with the function of each organelle.	Student's cell model is unique and creative, has all parts of the cell labeled correctly and includes a key with the function of each organelle.	Student's cell model has all parts of the cell correctly labeled, and each organelle is represented by an object that matches that organelle's function.
Cell Processes	Student can define osmosis and diffusion and explain why they are important to cells.	Student can define osmosis and diffusion and explain how they worked in the osmosis and diffusion lab.	Students can design their own lab where the processes of osmosis and diffusion are clearly shown and explained.
Microscopes	Student can label each piece of a microscope.	Student can label and explain the function of each piece of a microscope.	Student can label and explain the function of each piece of a microscope and compute different magnifications.