

Microscopes and Cells Goal Sheet-

Topic	Green	Blue	Black
Louis Pasteur (Paper)	Writes a green reflection paper.	Writes a blue reflection paper.	Writes a black reflection paper.
Microscopes (Test)	Labels each piece of the microscope and calculates magnification	Labels each piece of the microscope, matches the job of each piece and calculates magnification.	Labels a microscope diagram, matches the jobs to the names, and calculates the magnification.
Cell Part Functions (Test)	Labels a cell using a word bank; matches cell functions to names; explains the differences between an animal and a plant cell using a diagram.	Labels a cell; fills in blanks to tell cell functions; explains the difference between an animal and a plant cell, and why, using a diagram.	Labels, describes functions and uses analogy to further explain the parts of a cell; explain the difference between the animal and plant cell .
Cell Model (Project)	Creates a cell model using ideas from class list.	Creates an original model, using original ideas for cell parts.	Creates an original model with materials that match the functions of each organelle.
Cell Processes (Test)	Labels and draws arrows to show the movement of materials during diffusion and osmosis.	Describes the movement of the materials in a picture showing diffusion and osmosis, and tells why.	Describes the movement of the materials in a picture, and tells why. Determines the resulting concentrations after diffusion or osmosis.
Science Fair (Project)	<ul style="list-style-type: none"> • Use book experiment <ul style="list-style-type: none"> • 2 pieces of research/pre-experiment observations • Green level report • Boring Presentation 	<ul style="list-style-type: none"> • Use questions list <ul style="list-style-type: none"> • 3 pieces of research/pre-experiment observations • Blue level Lab report <ul style="list-style-type: none"> • Interesting Presentation 	<ul style="list-style-type: none"> • Originality • 4 pieces of research/pre-experiment observations • Black Level Report • Flashy Presentation-