

Unit 1 Lightbulb Grading

Name: _____

Corrected By: _____

Questions: +8 (2 pts for writing each question) _____/8

1. Explain step by step why each step of the scientific method is necessary?
2. Suggest an experiment that would show whether one type of food was better than another at helping an animal to grow faster.
3. Consider a salamander and a amoeba. What are their characteristics of life and what makes them different?
4. What was the impact of Pasteur's research on scientific thinking and characteristics of life?

Color: +8 (+2 per section) _____/8

Diagrams: +8 (+2 per section) _____/8

Written Explanations: +8 (+2 per section) _____/8

Terms

(+2 Each, +1 if term is present, +1 if term is explained and/or diagrammed)

hypothesis	____/2	observation	____/2
data	____/2	sexual	____/2
variables	____/2	asexual	____/2
independent variable	____/2	spontaneous generation	____/2
dependent variable	____/2	stimulus	____/2
control	____/2	metabolism	____/2
conclusion	____/2	homeostasis	____/2
biology	____/2	quantitative	____/2
biogenesis	____/2	theory	____/2
unicellular	____/2	control group	____/2
multicellular	____/2	experimental group	____/2
	____/2		

Final Score: _____ / 76