

Command Terms in AP Biology

Here is a list of verbs that you will see frequently on homework assignments, quiz questions, lab assignments and exam questions. You need to be able to perform these tasks in various situations in our class, and it is beneficial for you to have a list of these terms. Most importantly, you need to understand what you are being asked to do when you see these words.

Term	<u>What do you have to do?</u>
Analyze	Interpret data sets or statements made based on evidence in order to reach a conclusion.
Apply	Use a biological concept, theory, principle, or mathematical equation in a different context.
Calculate	Use math and mathematical concepts to find a relationship. You may need to use your formula chart, and may need a calculator. You may also be asked to show your work.
Connect	Find a relationship between two or more pieces of information.
Construct	Build or devise a representation of a biological concept. You may also be asked to construct an explanation or a model of a biological concept.
Convert	Transform a data set into graphical or pictorial form.
Create	Build or devise a representation of a biological concept. You may also be asked to build a model of a biological concept.
Describe	Use details to provide an accurate account of a situation.
Design	Produce an experimental plan that may or may not be used to collect data.
Draw	Sketch, illustrate or represent an idea or data set in graphic form.
Evaluate	Examine evidence provided, or data collected.
Explain	Provide details and reasons in order to clarify something.
Justify	Support a statement with sufficient evidence.
Model	Simulate or represent a biological process or concept.
Pose	Ask questions about an idea or biological concept.
Predict	Tell what you expect will happen.
Refine	Clarify assertions or models about a biological concept by using evidence.
Represent	Use a graph, diagram or model to illustrate a biological concept.
Solve	Use math (formulas, equations) to find the answer to a question or to illustrate a relationship between variables.
Use data	Employ data sets to construct explanations and to provide evidence.