

Command Verbs Chart

Understanding the "Action" of this requirement

Term	Definition
Analyze	Examine in detail to find patterns, relationships, or components. means to break something down into its component parts to understand how it works. It involves examining details, identifying patterns, and considering relationships between elements.
Apply	use information in a new context
Assess	Evaluate or estimate the nature or quality of something.
Calculate	Use mathematical steps to determine a numerical answer.
Cite	Reference specific evidence or information.
Classify	Arrange or organize into groups based on characteristics; sort into categories.
Compare	Show how two or more things are alike.
Construct	Build or create something, like a graph, model, or explanation.
Contrast	Show how two or more things are different.
Create	Make something new using knowledge or ideas.
Describe	Give relevant details or characteristics.
Design	Plan and explain a procedure, investigation, or solution.
Determine	Find a solution or answer using data or evidence.
Develop	Expand on an idea with detail and reasoning.
Evaluate	Judge the quality or reliability of evidence, claims, or solutions.
Explain	Make an idea clear using evidence and reasoning.
Graph	Draw or plot data accurately.
Identify	Name or recognize information that answers the question.

Illustrate	show by example, diagram, or picture
Indicate	point out or show
Infer	draw a conclusion based on evidence
Interpret	Draw meaning from data, graphs, or models. To explain the meaning or significance of something. It involves making sense of information, often by applying context, prior knowledge, or reasoning.
Investigate	Carry out a systematic process to answer a scientific question.
Justify	Give valid reasons or evidence to support an answer or claim.
Label	Identify parts of a diagram or graph.
Measure	Determine dimensions, quantity, or amount using tools.
Model	Represent a system, process, or phenomenon in diagram or math form.
Predict	State what is likely to happen based on patterns, data, or reasoning.
Summarize	Give a concise version highlighting key points.
Support	Back up a claim with evidence and reasoning.
Use	Apply information, rules, or data appropriately.
Verify	confirm the accuracy or truth

Common Tier 2 Academic Words for NYSSLS & Regents Exams

Assume – take something as true without proof

Cause – something that makes an effect happen

Claim- an answer to a scientific question. *A claim is your answer or idea about the question.* It tells what you believe or what you think the evidence will show.

Computational Model- Equation/Formula

Data – information collected during investigation

Effect – the result of a cause

Equation- Math statement of a mathematical principle. When you put numbers into it, it becomes an equation. Using a formula to solve for something. [$x+8=20$]

Evidence – information used to support a claim or conclusion

Expression- Does not have an equal sign

Factor – a component that influences a result

Formula- Math statement of a mathematical principle. $Y=MS+B$ $F=MA$

Function – the purpose or role of something

Impact – the effect or influence of something

Outcome – the result of an experiment or situation

Process – a series of steps or changes

Question- a sentence that asks for information

Reasoning – the thinking behind a claim or conclusion, *the action of thinking about something in a logical way.*

Relationship – the connection between variables or concepts

Represent – show or stand for something

Significant – important or meaningful

Solution – an answer to a problem or question

Variable – a factor that can change in an experiment