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IB CS Command Terms Sort Match

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Students should be familiar with the following key terms and phrases used in examination questions, which are to be understood as described below. Although these terms will be used frequently in examination questions, other terms may be used to direct students to present an argument in a specific way.

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Command Set 1

Copy each set of cards, and cut out the individual cards. Have students make a “match” such that the vocabulary word matches the description. If you make copies of the cards on paper using different colors, then you can create sets of cards such that the vocabulary words are all using one color and the description/definition is in another color. Have students make sets using one card from each color. The original copies become your solution guide.

Analyse	Break down in order to bring out the essential elements or structure.
Apply	Use an idea, equation, principle, theory or law in relation to a given problem or issue.
Calculate	Obtain a numerical answer showing the relevant stages in the working.

Comment	Give a judgment based on a given statement or result of a calculation.
Compare	Give an account of the similarities between two (or more) items or situations, referring to both (all) of them throughout.
Deduce	Reach a conclusion from the information given.

Demonstrate	Make clear by reasoning or evidence, illustrating with examples or practical application.
Derive	Manipulate a mathematical relationship to give a new equation or relationship.
Design	Produce a plan, simulation or model.

Estimate	Obtain an approximate value.
Evaluate	Make an appraisal by weighing up the strengths and limitations.
Examine	Consider an argument or concept in a way that uncovers the assumptions and interrelationships of the issue.

Interpret	Use knowledge and understanding to recognize trends and draw conclusions from given information.
Investigate	Observe, study, or make a detailed and systematic examination, in order to establish facts and reach new conclusions.
Predict	Give an expected result.

List	Give a sequence of brief answers with no explanation.
Trace	Follow and record the action of an algorithm.