

# Glossary for Student Action Verbs

## ~ Alberta's K-6 Science Curriculum

This glossary was developed to help provide clarification, context and support for teaching of the student actions in Alberta's K-6 Science Curriculum (2023).

Grades found as LO	Grades found within Ss & Ps	Verb	Definition
1, 3, 4, 5, 6	3, 4	<u>analyze</u>	To consider in detail for the purpose of finding meaning. (e.g.: determine relationships, identify patterns, similarities and differences, describe cause and effect, make judgements).
2, 4, 5	5, 6	<u>apply</u>	To use, or to put into effect.
	K, 1	<u>ask</u>	To request an answer.
	2	<u>build</u>	To put parts and or materials together to make something.
	3, 4, 6	<u>classify</u>	To arrange into groups based on one or more attributes or properties.
	2, 3, 4,	<u>collaborate</u>	To work together to achieve a goal.
	3, 4,	<u>collect</u>	To gather data, information, etc., from observations, people or sources.
	2	<u>combine</u>	To put together.
	K, 6	<u>communicate</u>	To convey knowledge and understanding to another.
5	K, 1, 2, 3, 4, 5, 6	<u>compare</u>	To consider the qualities of two or more things or sets, in order to discover similarities or differences.
	1, 2, 3, 4, 5, 6	<u>conduct</u>	To engage in the process of planning and carrying-out (such as for an investigation).
5	5, 6	<u>connect</u>	To relate two or more ideas, things, concepts, etc.
	5, 6	<u>construct</u>	To put parts and or materials together to make something.



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	6	<u>contrast</u>	To consider the qualities of two or more things or sets, in order to discover differences.
	2, 3, 4, 6	<u>create</u>	To use knowledge, reasoning and understanding to put elements together to form something new or original.
	2	<u>debug</u>	To notice and remove any errors.
	4	<u>decide</u>	To consider alternatives to make a choice.
	5	<u>defend</u>	To support a conclusion using evidence and reason.
	K, 1, 3, 4, 5, 6	<u>demonstrate</u>	To show or express understanding through one's actions.
K, 1, 3, 4, 6	K, 1, 2, 3, 4, 5, 6	<u>describe</u>	To communicate (orally or in writing) the qualities, attributes, features or properties of something.
	2, 3, 4, 5, 6	<u>design</u>	To develop (and carry out) a plan for a specific purpose.
	1, 2, 6	<u>determine</u>	To find a conclusion and/or solution using reasonable strategies, procedures, and/or calculations.
	2, 3, 4, 5, 6	<u>develop</u>	To make or put in place; to cause to be improved, more effective, advanced, etc.
	2, 3, 5	<u>diagram</u>	To represent understanding using a simplified drawing which may include words and symbols.



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	6	<u>differentiate</u>	To understand and identify the differences between.
	K, 1, 2, 3, 4, 5, 6	<u>discuss</u>	To exchange ideas, thoughts, facts, etc.
	5	<u>distinguish</u>	To notice differences; tell apart.
	1	<u>document</u>	To note observations, findings, etc. through written, audio or digital means.
	4	<u>draw</u>	To form, make or pull out after consideration.
1	K, 5	<u>engage</u>	To take part/be involved in.
	4, 5, 6	<u>evaluate</u>	To determine the value, significance, importance, or quality of something.
K, 1, 2, 4, 6	K, 2, 3, 4, 5, 6	<u>examine</u>	To carefully and in detail consider the nature and characteristics of something in order to find out more about it.
	1, 2	<u>exchange</u>	To give and receive.
2, 3, 5, 6	2, 3, 4, 5, 6	<u>explain</u>	To describe the how or why of something; give the cause or reason for.
K	K, 1, 2, 3, 4, 5	<u>explore</u>	To investigate and/or consider an idea or concept in detail.
	4	<u>find</u>	To discover by searching or effort, study or experiment.
1	K, 1	<u>follow</u>	To act according to (an instruction).



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	6	<u><a href="#">hypothesize</a></u>	To make a hypothesis (a proposed explanation that is testable).
	K, 1, 2, 3, 4, 5, 6	<u><a href="#">identify</a></u>	To recognize by naming and/or indicating.
	K	<u><a href="#">imitate</a></u>	To mimic or copy.
K, 5,	4, 5, 6	<u><a href="#">interpret</a></u>	To use reasoning and knowledge to make sense of, and draw meaning from (a text, set of data, visual, graph, etc.).
1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	<u><a href="#">investigate</a></u>	To use a process of inquiry or exploration to gain deeper understanding.
	2	<u><a href="#">listen</a></u>	To hear something with thoughtful intention.
	6	<u><a href="#">locate</a></u>	To indicate a specific place or position.
	4	<u><a href="#">magnetize</a></u>	To make something magnetic.
	1, 4	<u><a href="#">make</a></u>	To form, do etc.
	K	<u><a href="#">match</a></u>	To make a connection between two or more things.
	2, 5	<u><a href="#">measure</a></u>	To determine the size, amount, or degree of something, using standard or non-standard units.
	K	<u><a href="#">move</a></u>	To change location and/or position.
	6	<u><a href="#">name</a></u>	To identify by name.



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	K, 1, 5	<u>observe</u>	To use the senses to find attributes, properties and features of objects, places and events.
	6	<u>order</u>	To arrange in a sequence.
	3, 4	<u>perform</u>	To carry out.
	4, 5	<u>plan</u>	To decide on and make a plan for.
	5	<u>practise</u>	To carry out, apply or perform an action regularly.
	1, 2, 3, 6	<u>predict</u>	To form a likely answer using inference that is based on current understanding.
	5, 6	<u>propose</u>	To suggest.
	4	<u>provide</u>	To give.
	K	<u>recognize</u>	To be aware of, and acknowledge, features of information.
	K, 1, 4, 5	<u>record</u>	To put facts, information or observations on paper or in a digital format.
	2	<u>refine</u>	To improve (something) by making small changes.
4	K, 1, 3,	<u>reflect</u>	To think deeply about and/or thoughtfully consider.
1, 2, 3, 4, 6	2, 3, 4, 5, 6	<u>relate</u>	To show or make a connection between two or more things.



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6	K, 1, 2, 3, 4, 5, 6	<u>represent</u>	To convey understanding through pictures, diagrams, models, manipulatives, symbols, words, etc.
	6	<u>research</u>	To seek information and study a topic, question, etc., to enhance understanding and/or discover new information.
	2	<u>select</u>	To choose after consideration.
	1	<u>sequence</u>	To arrange in order, as determined by given parameters.
	1, 3	<u>share</u>	To communicate with others (i.e. to both give and receive thoughts/ideas).
	K, 2	<u>sort</u>	To group objects or data, according to attributes and/or properties.
	2, 4, 6	<u>test</u>	To use one or more processes to examine or evaluate something.
	5	<u>translate</u>	To put into another language.
	K, 1, 6	<u>use</u>	To utilize, operate, engage with, etc.
	2, 3	<u>work</u>	To use purposefully; to perform tasks.

