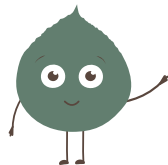


Glossary for Student Action Verbs ~ Alberta's 4-6 Math Curriculum

This interactive glossary and [associated resources](#) were developed to help provide clarification, context and support for teaching of the verbs in Alberta Education's 4-6 Math Curriculum (2022).

Grades found as LO	Grades found within Ss & Ps	Verb	Definition <i>*Indicates that there is a hyperlinked toolkit.</i>
4, 5, 6	4, 5, 6	add	To combine two or more addends (numbers/qualities) together to get a sum.
4, 5, 6	6	analyze*	To consider in detail in order to find meaning and determine relationships, patterns, similarities, differences, etc.
4, 6	4, 5	apply*	To use (mathematical knowledge).
	4, 5, 6	assess	To determine (or decide) something after consideration.
5		calculate	To determine (the amount or number of something) mathematically.
	5	categorize	To assign to a category.
	4, 5	classify	To arrange into groups based on one or more attributes or properties.
	6	collect	To gather data and/or information, etc., from people or sources.
4		communicate	To convey knowledge and understanding to another.
	4, 5, 6	compare	To consider the qualities of two or more things or sets, in order to discover similarities or differences.
	6	compose	To form, combine, or put together.
	4, 6	convert	To change a value or expression from one form to another.
	5	count	To name the numbers in a stable order and/or determine a quantity.



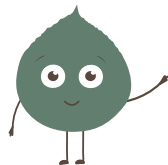


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	4, 5, 6	create	To use knowledge, reasoning and understanding to put elements together to form something new or original.
	6	demonstrate	To show or express understanding through one's actions.
	4, 5, 6	describe*	To communicate (orally or in writing) qualities, attributes, details and/or features of something.
4, 5	4, 5, 6	determine*	To find an answer using a reasonable strategy, procedure, and/or calculation.
	5	discuss	To exchange ideas, thoughts, facts, etc.
4, 5	4, 5, 6	divide	To separate a total (quotient) into equal groups to determine the number of groups or how many are in each group.
5		employ	To use.
	4	engage	To take part/be involved in.
5	4, 5	estimate	To come close, or be similar to, a number, calculation, quantity, or measurement.
4	4, 5, 6	evaluate*	To determine the value of. (Note: definition is specific to mathematics)
	4, 5	examine	To carefully and in detail consider the nature and characteristics of something to find out more about it.
4, 6	4, 5, 6	explain*	To describe the how or why of something; give the cause or reason for.



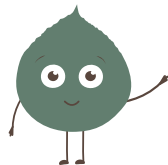


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Grades found as LO	Grades found within Ss & Ps	Verb	Definition <i>*Indicates that there is a hyperlinked toolkit.</i>
4, 6	4, 5, 6	express*	To convey knowledge and understanding.
	5	formulate	To develop possibilities, after considering facts and details appropriate to the given context.
	5	generalize	To become aware of a pattern, relationship, or rule and recognize that it can be applied to a similar context or situation.
	4, 5, 6	identify	To recognize by naming and/or indicating.
	5	indicate	To recognize by identifying.
4, 5, 6	4, 5, 6	interpret*	To use reasoning and knowledge to make sense of, and draw meaning from, a text, set of data, visual, graph, etc.
5, 6	4, 5, 6	investigate*	To use a process of inquiry or exploration to gain deeper understanding.
	4, 5	justify	To use relevant reasons and evidence to indicate why a conclusion has been made.
	5, 6	locate	To indicate a specific place or position
	4	measure	To determine the size, amount, or degree of something, using standard or non-standard units.
	4, 5, 6	model	To represent a concept or situation in a concrete, pictorial, or symbolic way.



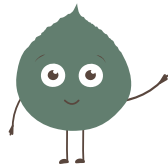


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Grades found as LO	Grades found within Ss & Ps	Verb	Definition <i>*Indicates that there is a hyperlinked toolkit.</i>
4, 5	4, 5, 6	multiply	To combine groups of equal size to determine the product.
	4, 5, 6	order	To arrange in a sequence.
	5	organize	To arrange (data, information, objects, etc..). NOTE: in other subject areas the examples may be different.
	6	predict	To form a likely answer using inference that is based on current understanding.
	6	rearrange	To change the order, arrangement or position of something.
	4	recall	To remember or retrieve from one's mind.
	4, 5, 6	recognize	To be aware of, and acknowledge, features of information.
5, 6	4, 5, 6	relate*	To show a connection or relationship between two or more things.
4, 5	4, 5, 6	represent*	To convey mathematical ideas using manipulatives, diagrams, models, signs, symbols, etc.
	4, 5	round	To make a number simpler while keeping its value close to what it was.
	4	select	To choose after consideration.
	4, 5	show	To make visible through actions, words, representations, symbols, etc.
	4, 6	simplify	To reduce to a simpler or easier to use form or expression.





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Grades found as LO	Grades found within Ss & Ps	Verb	Definition <i>*Indicates that there is a hyperlinked toolkit.</i>
6	4, 5, 6	solve*	To find a solution or an answer.
4, 5, 6	4, 5, 6	subtract	To find the difference between two numbers or quantities.
	4, 5	verify	To confirm the answer or solution.
	4, 6	visualize	To make one's thoughts, ideas, and images visible to oneself or others.
	4, 5, 6	write	To record using writing (words, symbols, etc.).

