Field	De muine d'A	Identifier	11-1		Case	We wal also as to as	Special character rules	Pubminsing Quidelings
	Required?		Unique?		sensitive?		Special character rules	Submission Guidelines           Your integration team will provide this ID for you as part of the build
Knewton Client ID	Yes	Yes	Yes	N/A	Yes	Double quote (")		process. You may fill this in with whatever alphanumeric ID you'd like to assign
								to your Content Inventory.
Partner Inventory ID	Yes	Yes	Yes	N/A	Yes	Double quote (")		This ID is equivalent to "graph_id" in the Knewton API.  Every cell in row 3 of the Content Inventory is considered a
								Superheader. Superheaders group categories of content data (e.g. "Atom Taxons").
								- Each Superheader therefore must be placed directly above its
						Any discrepancy from the		corresponding Headers (e.g. the "Atom Taxons" Superheader must be placed directly above every column used to submit an Atom
Superheader	N/A	N/A	N/A	N/A	Yes	template Any discrepancy from the		Taxonomy).
						template		Every cell in row 6 of the Content Inventory is considered a Header.
						For Taxonomies: - Double quote (*) - Colon (:)		Headers specify what type of content data (e.g. "Atom Name",
Header	N/A	N/A	N/A	N/A	Yes	- Comma (,)		"Learning Objective ID") is contained by the corresponding column of the spreadsheet.
				40,000 (Atoms and		Backslash as last character (\)		
Atom ID	Yes	Yes	Yes	Containers total)	Yes	Double quote (")		If you think your content will exceed the entity limit, please consult your integration team. We will work with you on a solution.
				40,000 (Atoms and				Atom names should be in a human-readable format, e.g., "Chapter 2, Reading Quiz Question 3."
Atom Name	Yes			Containers total)	Yes			- If you think your content will exceed the entity limit, please consult your integration team. We will work with you on a solution.
								- Instructional
Atom Type	Yes			N/A				- Assessment - Both
Atom URL				N/A				If available, link to the assessment or instruction content.
Instructional Text Question Stem				N/A N/A				If available, include the full instructional text of the Atom here. If available, include the full text of the Question Stem here.
								If available, include the full text of the answer or answer choice here. Screenshots, text rendered as images, and other image-based
Answer/Choice				N/A				answers cannot be submitted.
								If available, include the correct answer choice or full text of the correct answer itself here. Images cannot be submitted.
Correct Answer				N/A				- Any Correct Answer must accurately reflect your content.
Explanation				N/A				If available, the full text of the explanation here. Images cannot be submitted.
						Tilde (~) Colon (:)		
						Pipe ( )		
						Backslash (\)		
						Backslash (\) last character		
						Comma (,)		Must be consistently spelled, punctuated, and capitalized.
LO ID		Yes	Yes	N/A	Yes	Double Quote (")		- Short IDs that reflect your content structure (e.g. LO-01, ALG-24, GR7_CH01_LO03) work best.
								Cannot be submitted without corresponding ID.
LO Description				N/A	Yes			<ul> <li>Must be consistently spelled, punctuated, and capitalized.</li> <li>Detailed, human-readable descriptions of concrete student learning outcomes work best.</li> </ul>
20 200000000					100	There are only three valid values:		This column is only required for "fact-based" domains/subjects, where students need to learn e.g. facts and definitions as well as
LO Type					Yes	"REMEMBER", "UNDERSTAND" and "APPLY"		demonstrating a skill; if your content is focused on skills (e.g. math), you do not need to use this column.
						Name of the column = Name of the Taxonomy. You own this		,
						name. Illegal characters in the Name of the taxonomy:		
						Tilde (~) Colon (:)		
						Pipe ( ) Backslash (\)		
							Pipe ( ): Knewton always interprets a pipe as the	Name of the column = Name of the Taxonomy. You own this name.
							separation between two levels of the Taxonomy. Tilde (~): Knewton always interprets a tilde as the end	Illegal characters in the Name of the taxonomy: Tilde (~) Colon (:)
						(,) is a valid character; it will be	of one Taxon value and the start of another Taxon value.	Pipe (I) Backslash (I)
						quotes (") and backslashes (\) are illegal.	Space: Knewton treats spaces within Taxons as	Backslash (\) last character Comma (,)
				55 per Atom		- Must be consistently spelled,	distinct characters. If two Taxon values are identical in the Content Inventory, but one contains a space in the	Double Quote (")
				2,000 unique Taxons total		- If you think your Taxonomies	middle of it and the other does not, then Knewton will interpret these as two entirely different Taxons.	For the taxon values, a comma (,) is a valid character; it will be escaped in the graph.
				7 levels per		will exceed entity limits, please consult your integration team. We will work with you on a	Leading or Trailing Space: Knewton always removes spaces at the start or end of a value when processing	<ul> <li>Must be consistently spelled, punctuated, and capitalized.</li> <li>If you think your Taxonomies will exceed entity limits, please consult</li> </ul>
[Atom Taxon]		Yes			Yes		Inventories.	your integration team. We will work with you on a solution. If you are using algorithmic questions, then the value for Pool Size
								should reflect the number of times an algorithmically generated version of that question can be seen before the question would feel
								repetitive to a learner.
						Anything that is not a positive		- If you are not using algorithmic questions, then do not include Pool Size in your Content Inventory.
Pool Size				N/A		integer		If you have tagged your assessments with difficulty levels, you should
						Any character that is not a number between 1 and 3,		normalize these values to a scale of 1-3.
Difficulty Recommendable				N/A N/A		inclusive Anything that is not "Yes" or "No"		This cell should be blank for all instructional content. Must have a value of "Yes" or "No".
				40,000				Must be consistently spelled, punctuated, and capitalized for all instances of a given Container ID.
				(Atoms and Containers	.,	Backslash as last character (\)		- If you think your content will exceed the entity limit, please consult
Container ID		Yes		total)	Yes	Double quote (")		your integration team. We will work with you on a solution. Cannot be submitted without corresponding ID.
				40,000				- Must be consistently spelled, punctuated, and capitalized for all
				(Atoms and Containers	.,			instances of a given Container name. - If you think your content will exceed the entity limit, please consult
Container Name				total)	Yes			your integration team. We will work with you on a solution. Cannot be submitted without corresponding ID.
								- Container URL must link to the correct assessment or instruction.
Container URL				N/A				<ul> <li>Each time a Container appears in the graph, enter the same URL in this field.</li> </ul>

Field	Required?	<u>Identifier</u> 2	Unique?		Case sensitive?	Illegal characters	Special character rules	Submission Guidelines
							Pipe ( ): Knewton always interprets a pipe as the	Name of the column = Name of the Taxonomy. You own this Name.
							separation between two levels of the Taxonomy.	Illegal characters in the Name of the taxonomy: Tilde (~)
							Tilde (~): Knewton always interprets a tilde as the end	Colon (:)
							of one Taxon value and the start of another Taxon	Pipe (I)
							value.	Backslash (\) Backslash (\) last character
						Colon (:)	Space: Knewton treats spaces within Taxons as	Comma (.)
						.,		Double Quote (")
				55 per Atom		Backslash (\)	the Content Inventory, but one contains a space in the	
				2.000 unique		Backslash (\) last character	middle of it and the other does not, then Knewton will	For the taxon values, a comma (,) is a valid character; it will be
				Taxons total		Backslash (1) last character	interpret these as two entirely different Taxons.	escaped in the graph.
						Escaped Comma (,)	Leading or Trailing Space: Knewton always removes	- Must be consistently spelled, punctuated, and capitalized.
				7 levels per			spaces at the start or end of a value when processing	- If you think your Taxonomies will exceed entity limits, please consult
[Container Taxon]		Yes		Taxonomy	Yes	Double Quote (")	Inventories.	your integration team. We will work with you on a solution.

Field	Required?	Identifier?	Unique?	Limit	Case sensitive?	Illegal characters	Special character rules	Submission Guidelines
						Tilde (~)		
						Colon (:)		
						Pipe ( )		
						Backslash (\)		
								Must be consistently spelled, punctuated, and
						Backslash (\) last character		capitalized on both the Content Inventory and the LO-LO Map sheets.
						Comma (,)		- Short IDs that reflect your content structure (e.g.
Prereq Learning Objective ID		Yes	Yes	N/A	Yes	Double Quote (")		LO-01, ALG-24, GR7_CH01_LO03) work best.
								Cannot be submitted without corresponding ID.
								- Must be consistently spelled, punctuated, and capitalized.
Prereq Learning Objective								- Detailed, human-readable descriptions of
description				N/A	Yes	Tilde (~)		concrete student learning outcomes work best.
						Colon (:)		
						Pipe ( )		
						Backslash (\)		
						Backslash (\) last character		Must be consistently spelled, punctuated, and capitalized on both the Content Inventory and the
						Comma (,)		LO-LO Map sheets.
								- Short IDs that reflect your content structure (e.g.
Postreq Learning Objective ID		Yes	Yes	N/A	Yes	Double Quote (")		LO-01, ALG-24, GR7_CH01_LO03) work best. Cannot be submitted without corresponding ID.
	For any row							
	with data on the LO-LO Map, all							- Must be consistently spelled, punctuated, and capitalized.
Postreq Learning Objective description	the fields must			N/A	Yes			- Detailed, human-readable descriptions of concrete student learning outcomes work best.
	be populated; otherwise, leave							Must be one of capital S for Strong edge, capital W
Strength	blank.			N/A	Yes	All but S, W, Q		for Weak edge, or capital Q for sequence edge.