cognia

iMSSA Item Analysis Report Data Dictionary

This document explains the fields that are present on the iMSSA Item Report in eMetric's Data Interaction system to help you interpret the report for your schools and/or district.

Column Header	Definition	Possible Values
Item identifier	The Cognia label for the item	A 6–7-digit alphanumeric identifier
Item Type	The item interaction type	MC (Multiple Choice)
Difficulty Order	This is the rank of difficulty with 1 indicating the most difficult item and items becoming progressively easier. Item difficulty is based on Item Response Theory (IRT).	1, 2, 3, etc. up to the number of items on the test
CCSS	The content standard alignment for the item For more information, please visit this site: Read the Standards	Common Core State Standards Initiative (corestandards.org)	e.g., 05.OA.01.01, RI.05.04, L.05.04.c, W.05.03.b
Math Practice	The numerical code associated with the different mathematical practice standards For more information, please visit this site: Standards for Mathematical Practice	Common Core State Standards Initiative (corestandards.org)	1, 2, 3, 4, 7, 8
Point Value	The maximum number of points assigned to the item	1, 2
Mean Scores	The average score for the item calculated at the school, district, and state level.	Numeric values ranging from 0 to the maximum number of points assigned to the item (see Point Value), reported as decimals.
Achievement Level	Students in the listed Achievement Level (or above) are likely to answer the item correctly. Other students are unlikely to answer correctly.	Needs Support, At/Near Near Target, Near Target, At/Near On Target, On Target.
Item Description	The specific skill within a content standard that is being assessed in each item	e.g., Use context to determine the meaning of a word in a text.
Math Practice Description	The descriptor associated with each mathematical practice standard	e.g., Reason abstractly and quantitatively.
Depth of Knowledge	This field is currently not populated but will be in a future iteration of the report.	