

TECHNOLOGY APPLICATIONS

Glossary for Data Literacy, Management, and Representation Strand

Glossary Term	Definition
bar graph	a graphic means of quantitative comparison by rectangles with lengths proportional to the measure of the data or things being compared
binary number system	a positional, base-two representation of numbers using only 1 and 0
Boolean data	a type of data that stores only two types of values, such as true or false
Boolean expression	an expression that always yields two values, either true or false.
Boolean operator	an operator, such as AND, OR, or NOT, that connects words together to either narrow or broaden a set of results in a search
data	factual information (such as observations, measurements, or statistics) used as a basis for reasoning, discussion, or calculation; often includes both useful and irrelevant or redundant information and must be processed to be meaningful
data visualization	the practice of translating information into a visual context, such as a map or graph, to make data easier for the human brain to understand and pull insights from
digital tool	a software, application, computer program, or other electronic device designed to perform a specific task, improve a function, or facilitate a process through digital technology
innovation	a new way of doing something; a new product or way of thinking
integers	the natural numbers, their opposites, and zero
keyword	a word used to classify or organize digital content, or to facilitate an online search for information
limiter	a tool that allows a user to limit their search results by certain criteria such as date of publication, material type, or language
pictograph	a diagram representing statistical data by pictorial forms
quantitative data	data that can be counted or measured
qualitative data	descriptive data that are expressed in words or visuals
real numbers	the set of all rational and irrational numbers