

WHAT IS DATA?

So simple a question yet so complex an answer. But, an answer that is so critical to our understanding of the impact we have on the learning and achievement of our students.

- While data are a key ingredient in the improvement process central to enhancing 'sense-making', its value is predicated on a number of components
- Data is what links a well-thought out and clearly articulated question to outcomes of our work
- Data is raw and unfiltered and needs to be subjected to analysis, discussion, and critical thinking to construct evidence
- Data can be obtained from many sources, methodologies and tools
- Data in a simple sense, can be qualitative or quantitative, however, they have many commonalities as well as unique features
- Collecting and analysing data are the two cornerstones of supporting evidence-informed practice



The files in this folder present practical ideas, practices and tools. Most of these files have been organized into qualitative and quantitative sub-folders. Ten general files, related to both qualitative and quantitative data, are also available.

General

- A) Data Integrity
- B) Qualitative and Quantitative: What are we talking about?
- C) Data Collection Methods: The pros and cons
- D) How to Obtain Informed Consent
- E) Communicating and Reporting Information
- F) Choosing a Good Chart
- G) Using Data to Improve Student Achievement
- H) Using Data
- I) Community Researcher Manual
- J) Organizing Quantitative and Qualitative Data

Quantitative

- A) 8 Tips for Quantitative Inquiry
- B) Considerations When Conducting Quantitative Research
- C) Quantitative Approaches and Types of Quantitative Data Collection
- D) Quantitative Data Sources Available at the District & School Levels
- E) How to Conduct a Survey
- F) Scales, Scales, and More Scales
- G) Survey Methodology Tips for Improving Quantitative Data Quality

- H) Analysing Quantitative Research
- I) Quirk's Blog on Quantitative Research
- J) Myths About Quantitative Research

Qualitative

- A) 8 Tips for Qualitative Inquiry
- B) Considerations When Conducting Qualitative Research
- C) Qualitative Approaches and Types of Qualitative Data Collection
- D) Qualitative Data Sources Available at the District & School Levels
- E) How to Conduct a Case Study
- F) How to Conduct a Focus Group
- G) How to Conduct an Interview
- H) Conducting Interviews with Youth
- I) Getting Creative With the Data You Collect and Use for Evaluations
- J) How to Conduct Digital Qualitative Methods
- K) Analysing Qualitative Research
- L) Common Desktop Software for Qualitative Data Analysis
- M) Qualitative Evaluation Checklist
- N) The Most Significant Change (MSC) Technique
- O) Workshop Summary: Qualitative Data in an Evidence-Based Environment (TVDSB)