Grade 6 – Data Management Achievement Chart

Assessment Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding **The student…**				
- collects data using a variety of means (e.g. survey, experiments, observations) - distinguishes b/n discrete and continuous data - collects, organizes and displays primary and secondary data in a variety of ways	Limited Knowledge	Some Knowledge	Considerable Knowledge	Thorough Knowledge
Thinking **The student…**				
– selects appropriate type of graph to represent data - determines how well a set of data represents a population – uses problem solving skills	Limited Effectiveness	Some Effectiveness	Considerable Effectiveness	High Degree of Effectiveness
Communication **The student…**				
- explains mathematical thinking when determining how well a set of data represents a population - communicates using a variety of modes (short answers, lengthy explanations, verbal reports, diagrams, numerically) - uses appropriate vocabulary and terminology (e.g. data, graphing, labels etc.)	Limited Effectiveness	Some Effectiveness	Considerable Effectiveness	High Degree of Effectiveness
Application **The student…**				
- applies knowledge and skills about data collection and organization to in-class assignments - transfers knowledge and skills about data collection and organization to in-class assignments - makes connections b/n a variety of real life situations where data is collected	Limited Effectiveness	Some Effectiveness	Considerable Effectiveness	High Degree Of Effectiveness