Data Collection Methods

Categories of Measurement	Potential Academic Skills to Be Measured	Potential Behavioral Components to Be Measured	Potential Functional Skills to Be Measured	Format/Structure for Taking Data
Percent/Proportion Number of instances out of total number of opportunities	Number correct out of total problems complete on worksheet, number of total steps in a task completed accurately, percent errors on an informal reading inventory	Number of days without response cost out of total number of days, number weeks in suspension out of total number weeks, percent intervals with aggression	Number times made choice out of total opportunities, time engaged with peer out of total time	*Trial Data* (e.g., number of correct trials out of total trials) *Scatterplot* (e.g., percent of activities with problem behavior) *Time Sampling* (e.g. number of intervals with behavior out of total number intervals sampled)
Rate Number of instances per time period	Reading rate, number of errors per activity	Tantrums, aggression, disruptions, negative vocalizations and other maladaptive behaviors per day, number tokens earned/day, number of incident reports/ month, number of times reminded/day	Number friends talked to per day, rate of initiated game play	Paper-pencil data collection system (can design own data sheet)
Level of Response Level of prompting/ independence in completing an action	Level of independence in writing name, highest level of prompting needed to complete a task, level of support needed to complete each step of a task	Level of prompting needed/independence to keep hands to self	Level of prompting/ independence to follow morning routine, independence buying groceries, level of prompting to complete snack/art activity	Task Analysis
Intensity/relative measure Severity or intensity of behavior	Quality of writing name, degree of difficulty of words used in a sentence	Severity/intensity of misbehavior (e.g., SIB, tantrums), perception of misbehavior, relative times in time out (0-2), (3-5), (>5)	Quality of social interaction, level of voice	Rubrics Rating Scales
Duration How long behavior lasts for	Time on task, duration of attending, time to transition between activities	Tantrum, on-task behavior	Time engaged in play, behavior/conversation, duration of continence	Paper-pencil data collection system (can design own data sheet) Stopwatch
Latency How long it takes for behavior to start	Time to start activity	Delay to onset of negative behavior	Delay to onset of functional communication	Paper-pencil data collection system (can design own data sheet) Stopwatch