Mand Frequency Data Collection Protocol

Learner: _____

Date	Total Session Time	Prompted (item present)	Unprompted (item present)	Spontaneous (item not present)
MON **3/7**	20 mins	33	16	0
	TST = 20 min	TP/min = 1.65	TUP/min = .8	TS/min = 0

Description: The mand frequency data allows you to analyze the frequency of manding in relation to the type of prompts used during the session(s). Variation in responding may occur depending on the value of the reinforcers at the time of the session, the learner's mand ability with those reinforcers. (i.e. mastered or targeted mand items varied across the mand sessions).

Goal: This data can be used to evaluate progress toward frequency of learner manding and progress toward independent and spontaneous manding. It may also aid in the review of prompt fading procedures if data shows continually significant numbers of prompted responses as compared to other responses.

Manding Frequency Data Collection Procedures

Step	Record	PROCEDURE
1	**Name**	• Record the learner's name in the area provided.
2	**Date**	• Record the session time for each separate mand session. • Conduct one, or several timed manding sessions per day as per the learner's schedule. • Data can also be collected during group manding sessions, as well as one-on-one sessions. Group mand data can be noted on the form by the instructor and tallied and graphed separately if distinctions are needed.
3	**Session Time**	• Set a timer at the start of the session and record the end time of each session.
4	**Frequency Counts**	• Count the number prompted, unprompted and spontaneous mands for ALL reinforcers requested in each session whether targeted or non-targeted. Examples of ways to count… • Hand tally in the appropriate blank column on the Mand Frequency Data recording sheet. • Use Talley counters visually marked (P /prompted, UP/ unprompted, or S/spontaneous or tactile marked. (i.e. Velcro, placed on the push button using rough for prompted and smooth for unprompted. Record the total on the counters at the end of the each session.
5	**Frequency Calculation**	• Calculate the frequency of mands per minute by dividing the total number of each type (prompted, unprompted, spontaneous) by the total number of minutes spent manding. (see example in diagram). **Example:** On Monday only one session occurred. The data is as follows: • 33 prompted mands/20 minutes = 1.65 mands per minute • 16 unprompted mands/20 minutes= .8 mands per minute • 0 spontaneous mands/20 minutes = 0 mands per minute
6	**Graphing**	• Record the mands per minute on the **Mand Frequency Graph** *daily.* • Use a dot for prompted, an X for unprompted, and a circle for spontaneous to differentiate each. • Round up or down for fractions of time. Any fraction of a minute, such as .50 or above, round up to the next minute. **Example:** 1.95 would be graphed as 2 minutes. The graph displays rate increments starting at .05.