

### ***Instructional Data Collection***

You may wish to use a simple data collection system to track your child's progress on targeted skills. On the following pages there are sample data sheets that may be used to track children's skill progress. Use the format that will be most efficient for you.

Once you have collected and summarize data, it is helpful to graph the results so that you can see that your child is making progress. Graph paper with four or five squares to the inch may be used to construct simple graphs to display the child's performance on particular behaviors or skills that have been observed and recorded on the data collection forms. The horizontal lines on the graph represent the unit of measure that is being used for the targeted behavior or skill. The appropriate label to place beside the vertical axis will thus depend on what is being observed and measured. Based on the types of measures that have been discussed, the following units of measure may be appropriate:

- The number of certain events that occur during the day.
- The percentage of times the behavior occurs independently or unprompted
- The total or average duration of the behavior (in minutes or seconds).
- The number (or percentage) of steps in the task analysis or routine independently completed.

After the appropriate unit of measure is written on the side of the chart, each horizontal line will be given a numerical value so that the entire possible range of performance levels can be recorded on the graph. For example, a behavior that is likely to occur no more than ten times during a day would require the horizontal lines to be numbered from 1 to at least 10. Similarly, the percentage of times a child may perform a skill independently may be as much as 100%.

Under the bottom horizontal line on the graph, the word *sessions* or days is written and each of the ascending vertical lines represents a session or day and should be labeled beneath accordingly.

At the conclusion of an intervention session, the interventionist transcribes the summary of data collected on the data form to a corresponding graph by using a pencil to place a dot at the intersection of the current day line (vertical line) and the unit of measure line (horizontal line). As each dot is placed, a straight line is drawn between it and the previous dot. If the previous dot was on the preceding day, obviously, this will be only a short line. However, if several days have passed since data were collected, the days that were missed will have nothing marked on them and the line will go from the present data point to the last previous data point.

Day\_\_\_\_\_

Observer\_\_\_\_\_

**Word Use Data**

1. Open

*context*

2. Up

*# times*

*prompt*

*context*

*# times*

*prompt*

\_\_\_\_\_

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\_\_\_\_\_

3. No

*context*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. More

*# times*  
*prompt*

*context*

*# times*

*prompt*

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Prompts:

M= model    MA= Mand or Question  
I= independent

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Data Summary

1. Open

\_\_\_\_\_/\_\_\_\_ opportunities performed independent x 100 = \_\_\_\_% independent

2. Up

\_\_\_\_\_/\_\_\_\_ opportunities performed independent x 100 = \_\_\_\_% independent

3. No

\_\_\_\_\_/\_\_\_\_ opportunities performed independent x 100 = \_\_\_\_% independent

4. More

\_\_\_\_\_/\_\_\_\_ opportunities performed independent x 100 = \_\_\_\_% independent

Day\_\_\_\_\_

Observer\_\_\_\_\_

### Play Skills

#### 1. Turn-Taking

#### 2. Put toys away

*context*

*# times  
prompt*

*context  
# times  
prompt*

\_\_\_\_\_

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Prompts: I = independent

V = verbal    P =  
Physical prompt  
F = Full Assist

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Data Summary:

1. Turn-taking

total # times turns taken by child independent \_\_\_\_\_ / total # of times turns taken independent  
+ prompted turns = \_\_\_\_\_ X 100 = \_\_\_\_\_ % of turns taken independent

2. Put toys away

total # times independent \_\_\_\_\_ / total # of opportunities = \_\_\_\_\_ X 100 = \_\_\_\_\_ %  
independent

Day\_\_\_\_\_

Observer\_\_\_\_\_

### Eating Skills

#### 1. Time at Table

drinking

#### 2. Cup

*context*

*time*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*context*  
*#times*  
*prompt*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

Prompts:

I = independent  
V = verbal     P =  
Physical prompt  
F= Full Assist

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Data Summary:

#### 1. Time at table

Average amount of time at table (sum of all the time/ number of times at table) \_\_\_\_\_ mins.

2. Cup drinking

\_\_\_\_\_ number of times cup held without prompts/ \_\_\_\_\_ total number of times of drinking  
= \_\_\_\_\_ X100= \_\_\_\_\_ % times independent