

Graphing - Description, Procedures, & Example

In addition to measuring the behavior, it is very important to graph the measurements that you gather, as this allows you to have a visual image of the status of the behavior at any point in time.

A graph allows you to determine, at-a-glance: On average, how often the behavior of interest occurs, times when the behavior is lower, and times when the behavior is higher. By looking at a graph, you can tell right away if the behavior is increasing or decreasing, when it peaks, when it plummets... You can then follow up on this information by examining the situations surrounding times when the behavior changed.

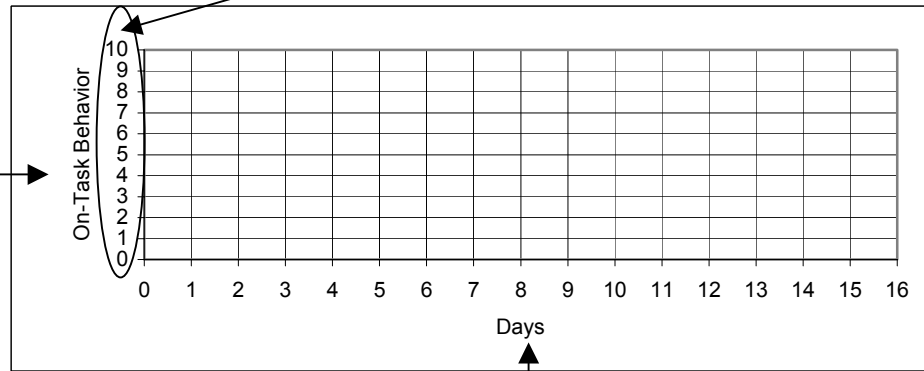
Procedures

Preparing your graph

- ① Label the horizontal axis with the time component
- ② Label the vertical axis with the behavior
- ③ Number the vertical axis

③ Number each line, starting from 0 (bottom of axis), with a regular repeating interval, by either 1's, 2's, 5's, 10's, etc., for example: 0, 1, 2, ..., 9, 10; 0, 2, 4, ..., 18, 20; 0, 5, 10, ..., 45, 50; or 0, 10, 20, ..., 90, 100). Make sure to choose your interval so that you will be able to graph the maximum amount of times that the behavior could occur during each observation.

② Enter the name of the behavior that you are measuring here



① Enter the time component in which you are measuring the behavior here (Ex. Days, weeks, sessions)

Entering information on your graph / Example

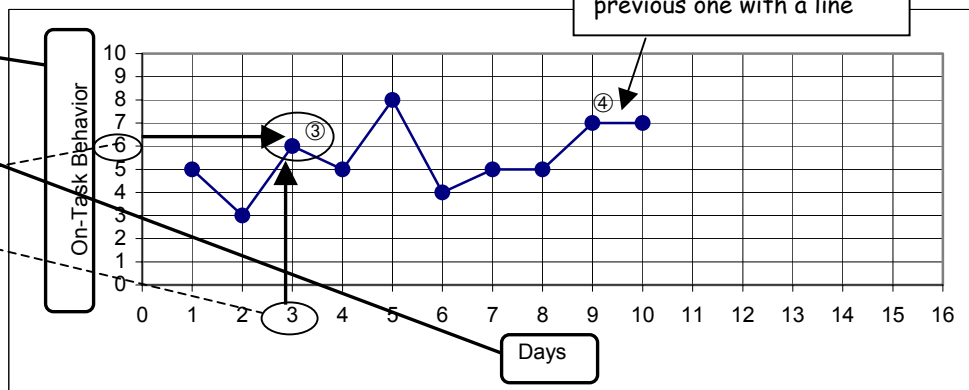
* Every time that you collect information, enter it on your graph.

To place the points on the graph:

- ① Look at the 1st column on your measurement form -On the horizontal axis, find the time component that represents when you collected the information (ex. Day 3);
- ② Look at the last column on your measurement form -On the vertical axis, find the value of the measurement (ex. 6).
- ③ Place a dot where the horizontal and vertical lines cross; ④ connect each dot to the previous one with a line.

1st and last columns of Measurement Form for On Task Behavior

Days	Total times behavior occurred
1	5
2	3
3	6
4	5
5	8
6	4
7	5
8	5
9	7
10	7



Connect each dot to the previous one with a line