

## **How to Graph Data on the Excel Progress Monitoring Tool: It's Easy!**

- On the upper right hand side are areas that you can enter the student's name along with another two boxes in which you can enter: a brief description of the concern, the evidence-based intervention being implemented, and a description of how progress will be monitored.
- In the upper left corner, you will see a table. Enter your three baseline data points in the corresponding rows in the second column (the one labeled AIM line). Then, choose the Median baseline score and enter that also in the second column.
- In the first column, go to the last row of the table. Change "Date" to the date you wish to achieve your goal, and then enter your target goal number in the second column.
- At this point in time, your baseline data, along with the median baseline will be listed on the chart below. The AIMline should be developed as well, along with the end date for your intervention period.
- At each point that you progress monitor (you can do this on a daily, weekly, or bi weekly basis--- depends on the intervention you are doing), Change the "Date" in the first column to the date you are progress monitoring and then enter the number/score in the same row in the third column of the table. Work from the top to the bottom of the table. As you enter more progress monitoring data points, the student's progress line will start to develop. You can then compare the student's progress to the progress you would expect to see from the AIMline.

## **This can be used for academic and behavioral interventions.**

- An Effect Size Calculator is attached to help determine the effect size of the intervention you implemented. When you open the excel document, you will find two columns on the left. Enter your baseline data (need at least three data points to do this) in the "C" column (this is the "control" set of data when doing your intervention).
- In the "X" column, enter in all your progress monitoring data (need at least three data points to do this), one number per each cell in the column.
- As you enter the data the numbers in the beige field will change as the program calculates the mean, standard deviation, etc. The last row in the beige field will indicate the effect size for the intervention you implemented.
- Like with the effect size of meta analyses, you are looking for an effect size of 0.5 or higher. An effect size of .5-.79 indicates a medium/moderate effect. An effect size of .8 or higher indicates a VERY large/strong effect.