

## Collecting, Organizing, Analyzing, and Using Data to Improve Instruction

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Area of Improvement Technology (word processing)

### Goal Statement

*Improve knowledge of computer applications for desk-top publishing.*

### Baseline Data being collected

How will it be organized?

*Baseline data: collected October 4. Pretest consisted of 12 questions in regard to scanning, page breaks, text boxes, visual arrangement, clip art, columns, etc. Also, students were to develop a flyer given some pieces of information and specific directions.*

### Analysis (What do students do well? Where do they struggle?)

*Students know more about text boxes, shading, fonts, etc. and less about scanning, visual arrangement, clip art, etc. The products students made show very little imagination in layout design.*

### Instructional Strategies that will be used for improvement of student learning

*Analyze different advertisements and discuss key elements of visual design. Students will use criteria to evaluate other printed material. Simple flyers for school activities will be created by our class together.*

### Sampling and checks done by teacher to see if there is improvement

*Sampling will be done throughout the semester—once in November and once in December. All students will create a flyer and a newspaper article. Three papers will be assessed from each assignment to learn what students are doing well and what they are struggling with.*

### How students will monitor their own improvement?

*Students will use the criteria to evaluate their own assignments. They will also conference with each other to gain ideas for improvement. Students were given their pre-test products back and gave themselves a grade for growth!*

### Results

*Students that were proficient and above using the baseline product (passed all criteria) = 19% (3 out of 16)*

*Students proficient or above on end-of-year assessment = 100% (15 of 15)*

*Attach your baseline graphs and post data graphs. Be prepared to share with your team on February 10.*