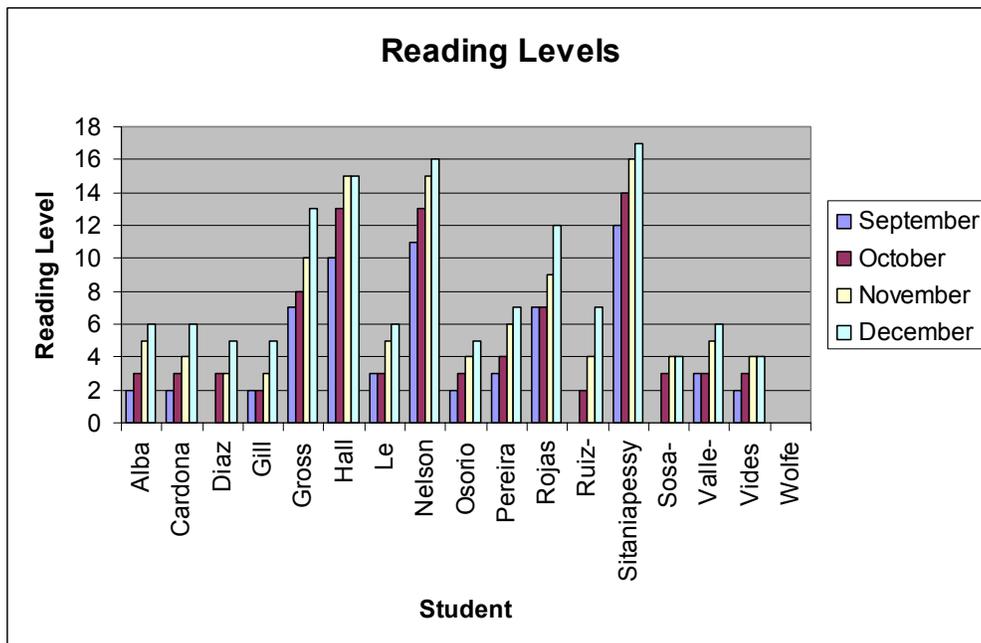


Part 3: Data Analysis

My class is a first grade class at Weller Road Elementary School. There are seventeen students in the class. There are nine males and eight females in the class. Twelve of the students are Hispanic, three are African American, one is Asian, and one is Native American. Twelve of these children are ESOL students. I chose to collect data on the reading levels of these children.

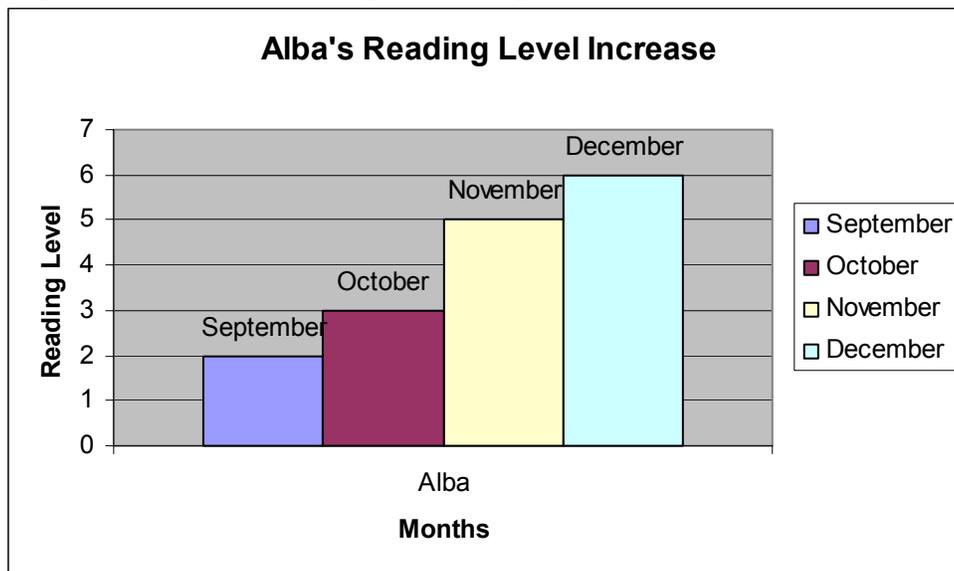
The data I chose to collect are the Reading Level of the children on a monthly basis. I placed all this data on a spreadsheet, along with the children’s name, birthday, ESOL, race, and gender. With the help of my teacher, we performed running records to determine their reading level. The reading level is determined by the book level the child can successfully read. Once I collected this data, I put it all on a spreadsheet. I was then able to make graphs to show the children’s individual reading level and progress.

Figure 1: Graph of the Class’ Reading Level



This graph shows the entire class' reading level. This graph can be used to show individual student progress, and how each student compares to the rest of the class. I then made graphs for each student, to show individual progression. As you see on the graph, those students with the highest reading level stand out. Just by looking at the graph, you can also see that many of the children are still at low reading levels. By looking at this graph, it is clear that some students are making better progress than others are.

Figure 2: Individual Reading Level Progress



This graph shows Alba's individual progress. It is not always best to compare children's level of achievement. In this case, we are looking at how much one student has improved. In this graph, you can see that this student has gone from a two to a six. That is a great improvement.

If a parent had a concern about their child's reading level or progress, these graphs show exactly where their children have gone. It is a clear way to show how much

they have improved. It is also good to show parents the class graph, so show them if their child's level is above, below, or on average with the rest of the class.

This graph certainly does not show everything about a child's reading level. It does not show the problems the individual children may be experiencing. It does not show any other skills or concepts of reading. To include these observations, on the spreadsheet, I have included comment boxes to write down individual information about each child. The information includes personal strengths, weaknesses, and factors that go into their reading level.

Teachers can certainly use these graphs as well. When deciding reading groups, you can look to see which children are on the same reading level. When separating into group work or peer help, you can easily see which children lead the class in reading and which children need the most help. A teach could also use the graphs to see how much each child has improved, and which children just are not improving on a faster pace. Doing this spreadsheet was an easy way to organize and display data on the reading level of the children in my class.