2014-2015

English Department Action Plan

Math Goal

Action Plan:

To support this year’s building goal of math proficiency, our department will ask students to draw mathematical evidence (statistics, probability, data) from non-fiction sources to support or justify conclusions they make in their writing. *This goal aligns to common core skills of statistics and probability, interpreting categorical and quantitative data, making inferences and justifying conclusions, and using probability to make decisions.*

Progress monitoring timeline:

1. English Instructors grades 7-12 will model the use of mathematical evidence in their own writing.
2. English instructors grades 7-12 will explicitly draw students’ attention to the use of mathematical evidence by published authors.
3. English instructors 7-12 will assist students in using mathematical evidence to support claims and conclusions in oral presentations and writing.
4. PLC members will report at a PLC meeting on students’ understanding and performance.

Individual teaching strategies:

1. 12th grade will require students to draw conclusions based on data researched.
2. 11th grade will incorporate current events articles to analyze statistics and discuss probabilities.
3. 10th grade will incorporate a chart or graph that supports their topic and enhances their research.
4. 9th grade will require students to draw their own conclusions based on statistical evidence researched in non-fiction articles.
5. 8th grade will require a statistic or poll in an argumentative piece of writing to support a claim.
6. 7th grade will collaboratively research statistical historical data based on class readings.
7. The resource center will show students how to search for graphs in databases.
8. The resource room will assist students in forming opinions from material they have read to support classroom projects.