

Math Advanced Writing Projects

Pre-Algebra

News Report

Write a news report about a current event at your school. Include a bar graph, line graph, or pie graph. (See *Inquire* pages 372–375.)

Lab Report

Complete a lab report that calculates the slope of surfaces inside or around your school.

Proposal

Write a proposal for a design project that includes scale measurements and a scale drawing on grid paper.

Business Letter

Write a business letter requesting information from a local business owner about how math is involved in the business.

Research Paper

Write a research paper about how statistics are used in a specific career (sports, business, government, and so on).

Algebra

News Report

Write a news report about a topic in your school. Include percentages, ratios, or fractions.

Observation Report

Write an observation report that uses algebra to find and describe patterns within your school.

Proposal

Write a proposal for a project that plots the musical tastes of your classmates on a pie graph. (See *Inquire* pages 372–373.)

Business Letter

Write a letter to a design or construction manager to find out how linear equations are used in a real-world setting.

Research Paper

Write a research paper about a current or historical development in algebra.

Geometry

News Report

Write a news report about a concept in geometry.

Lab Report

Complete a lab report that explores the volume of cylinders, prisms, pyramids, cones, and spheres.

Observation Report

Write an observation report about the geometrical patterns within your school.

Research Paper

Write a research paper about the geometric features of a large man-made structure (Empire State Building, Golden Gate Bridge, and so on).