

O-Level Mathematics Project Topics

1. Using Statistics to Analyze Daily Water Usage in Households

Investigate how much water is used per day and propose ways to reduce waste.

2. Comparing Prices of Basic Goods in Local Markets Using Averages and Graphs

Analyze market price trends and determine where savings can be made.

3. Using Geometry to Design Optimal Classroom Seating Arrangements

Apply area, perimeter, and layout planning for effective use of space.

4. Measuring the Impact of Load Shedding on Study Time Using Data Charts

Collect and present data on electricity availability vs. student performance.

5. Estimating Monthly Mobile Data Usage and Cost Efficiency Among Students

Use ratios, percentages, and graphs to analyze data plan usage.

6. Analyzing the Spread of Common Diseases at School Using Bar Graphs and Ratios

Track weekly cases of illnesses like flu or diarrhea and their patterns.

7. Investigating the Relationship Between Pocket Money and Student Spending Habits

Use tables, percentages, and pie charts to present data from surveys.

8. Using Trigonometry and Scale Drawing to Measure Tree Heights in the School Yard

Apply basic trigonometric ratios for real-life height measurement.

9. Evaluating How Temperature Affects Classroom Attendance

Collect temperature and attendance data to find correlations.

10. Mathematical Analysis of Time Spent on Social Media and Its Impact on Study Time

Record and analyze time use data with line graphs and averages.