MATH DEPARTMENT OUTCOMES

1. The student will recognize mathematical concepts, apply these concepts, and explain their findings.
2. The student will demonstrate the interdependence of mathematics in the real world and its application through technology.
3. The student will be able to use numbers effectively for various purposes, such as counting, measuring, estimating, and problem solving.
4. The student will employ data collection and analysis, statistics, and probability in problem-solving situations, applying technology where appropriate.
5. The student will choose the appropriate technology to solve mathematical, real-world, and non-routine problems.
6. The student will be able to demonstrate reading skills to solve a problem using reasoning and justify their solution using written and oral communication.
7. The student will be able to use reading skills in applying geometric concepts, relationships, and procedures to interpret, represent, and solve problems.
8. The student will employ algebraic techniques to define and describe a problem to determine and justify appropriate solutions.
9. The student will identify the achievements of mathematicians throughout the past and the present and recognize their various contributions to humankind.
10 The student will be able to apply Order of Operations to solve a problem or evaluate an expression.
11 The student will select and compare data from a table, graph, or diagram.
12 The student will identify a direct or inverse relationship between variables in a table, graph, or diagram.
13 The student will extrapolate from data points in a table or graph.
14. The student will identify or use a mathematical relationship that exists between data.
15. To improve student reading ability, tests, homework, and quizzes will include definitions of key mathematical terms.