Graduates of the KML Mathematics Department will be. . .

1. **Growing Christians who are able to:**
   1.1 develop their math skills in light of new developments in their lives and in society

2. **Proclaiming Christians who are able to:**
   2.1 demonstrate God’s order of creation in the logical structure of math

3. **Discerning Thinkers who are able to:**
   3.1 organize a plan to complete a project
   3.2 recognize and analyze patterns and incorporate them into problem-solving situations
   3.3 decide upon an appropriate tool for solving a problem
   3.4 apply their mathematical background to decision-making in new situations
   3.5 recognize the potential, as well as the limitations, of mathematics in advancing the quality of life

4. **Self-Directed and Lifelong Learners who are able to:**
   4.1 integrate the rules of mathematics into solving problems
   4.2 apply numbers, variables, and data analysis effectively in real-world situations
   4.3 integrate mathematical reasoning into producing a solution
   4.4 evaluate a problem and choose an appropriate strategy to resolve it
   4.5 justify solutions to their work
   4.6 explore areas of mathematics for career and recreational value

5. **Collaborative Contributors who are able to:**
   5.1 contribute in solving group projects
   5.2 communicate effectively to relate their understanding of mathematics
   5.3 develop and complete tasks assigned to them

6. **Servant Leaders who are able to:**
   6.1 utilize their God-given abilities in mathematics by serving others and the church

7. **Dedicated Stewards who are able to:**
   7.1 evaluate and build on their previous knowledge of mathematics
   7.2 apply mathematical concepts to guide their lives of Christian stewardship
   7.3 incorporate their mathematical knowledge and skills as a productive member of society