

## **Advanced Pre-Calculus and Advanced Placement Mathematics**

*Returning students* enrolling in Advanced Pre-Calculus and AP math courses will have individualized summer work tailored to their own math strengths and weaknesses. The summer work for each student will be determined by a pre-test taken during the current school year, with students receiving individualized reports of their current knowledge mastery. The pre-test, math summer practice, and post-test at the end of the summer will all take place in ALEKS, an adaptive online program.

Before the end of the school year, students create ALEKS accounts in their current math class and complete a pre-test covering key concepts for their next math course. Some students will show mastery of 80% on content strands, simply from taking the pre-test, while others will have specific areas in which they need practice. All students will need to work to 80% mastery of each content strand by the end of the summer.

During the second week of school in August, students will be reassessed for mastery over the same set of skills in ALEKS to ensure that they are prepared to be successful in the enrolled course. The percent mastery of skills on the post-test in ALEKS will be used as the first grade of the quarter.

*New students* enrolled in AP math courses or in Advanced Pre-Calculus should contact Ms. Benton.

If you have questions at any point during the summer, please don't hesitate to contact Ms. Heather Benton, our Mathematics Department Chair, via email at [hbenton@episcopalcollegiate.org](mailto:hbenton@episcopalcollegiate.org).