

Fayette County Schools

Trigonometry – One Semester

PACING GUIDE

1st 4 ½ Weeks	2nd 4 ½ Weeks	3rd 4 ½ Weeks	4th 4 ½ Weeks
<ul style="list-style-type: none"> • Trigonometric Functions • Degree/Radian Conversions • Test and Develop Formulas • Velocity <ul style="list-style-type: none"> ○ Angular ○ Linear • Inverse and Joint Variations 	<ul style="list-style-type: none"> • Inverse Trigonometry Functions • Periodic Data • Basic Identities • Trigonometry Equations 	<ul style="list-style-type: none"> • Trigonometry Project • Find the Area of Multiple-shaped Figures • Project-based Investigation (to be continued in the 4th 4 ½ Weeks) 	<ul style="list-style-type: none"> • Vector Operations • Complex Numbers in Polar Form • Complete the Project-based Investigation

Benchmark Windows:

- Benchmark 1: October 25 – November 20
- Benchmark 2: January 20 – February 15
- Benchmark 3: March 25 – April 25
- Benchmark 4: Westest 2 – last two weeks of May