

## Brainboost 8<sup>th</sup> Grade math class curriculum

September			October		November		December		January	
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Unit 11
<a href="#"><u>Real Numbers</u></a>	<a href="#"><u>Modeling with Functions</u></a>	<a href="#"><u>Linear Functions</u></a>	<a href="#"><u>Solving One Variable Equations and Inequalities</u></a>	<a href="#"><u>Solving Two Variable Equations and Inequalities</u></a>	<a href="#"><u>Linear Modeling</u></a>	<a href="#"><u>Quadratic Functions</u></a>	<a href="#"><u>Quadratic Equations</u></a>	<a href="#"><u>Statistics</u></a>	<a href="#"><u>Pythagorean Theorem</u></a>	<a href="#"><u>Volume</u></a>
1 week	1 week	1 week	2 weeks	2 weeks	2 weeks	2 weeks	2 weeks	1 week	1 week	1 week

Substantial and sufficient homework is assigned at the end of every class. We are following the Fairfield Public Schools breakdown of Algebra 8 and Pre-Algebra 8. As Algebra 8 contains everything Pre-Algebra 8 does with the exception of ‘Pythagorean Theorem’ and ‘Volume’, our class is identical to Algebra 8 with the addition of those two units at the end.

Topics covered in each unit are exactly as per Common Core and Fairfield County Public Schools. Please visit this link and view the PDFs for Algebra 8 and Pre-Algebra 8 for detailed listing of all topics present in each unit: <https://fairfieldschools.org/curriculum-instruction/subjects/math/>