

## Math Placement for Incoming 8<sup>th</sup> Graders

During the spring of the 7<sup>th</sup> grade year, Randolph Middle School teachers make determinations of 8<sup>th</sup> grade placement based on several factors: most recent math level, 7<sup>th</sup> Grade Assessments average, and teacher's assessment of academic skills and study skills. Students will receive points based on criteria that will determine where teachers recommend students to be placed for 8<sup>th</sup> grade math. Students have the ability to select a level lower than what a teacher recommends.

Current Math Level	7 <sup>th</sup> Grade Assessments	Academic Skills	Study Skills
<b>7</b> Pre-Algebra Honors	<b>9</b> Score range $\geq 90$	<b>4</b> 21-24	<b>4</b> 21-24
<b>5</b> Pre-Algebra	<b>7</b> Score range 80-89	<b>3</b> 12-20	<b>3</b> 12-20
	<b>5</b> Score range 70-79	<b>2</b> 7-11	<b>2</b> 7-11
	<b>3</b> Score range 60-69	<b>1</b> 6 or less	<b>1</b> 6 or less
	<b>1</b> Score range $<59$		

Math Placement	
Algebra 8 Honors	$\geq 21$
Algebra 8	17-20
Algebra 8: Part 1	$\leq 16$

Teachers will use their knowledge of each student and this rubric to inform the recommendation components for Academic Skills and Study Skills:

Key:

4 – this student exhibits these traits to a *high degree independently*

3 – this student *consistently* exhibits these traits

2 –this student *sometimes* exhibits these traits

1—this student *rarely* exhibits these traits

**Academic Skills:**

<b>Student's Current Attributes:</b>	4	3	2	1
Engages in critical analysis and problem solving by making sense of problems, attending to precision, and perseveres in solving.				
Uses mathematical reasoning and modeling skills to analyze and solve real world scenarios.				
Analyzes, interprets, evaluates, and makes use of a variety of methods and appropriate tools for solving problems.				
Demonstrates retention of previously learned skills and applies them to new problems.				
Maintains strong mathematical fluency.				
Develops and asks relevant and meaningful questions during class activities.				
<b>Academic Skills Score</b>				

**Study Skills:**

<b>Student's Current Attributes:</b>	4	3	2	1
Is attentive in class while regularly and constructively participating in class discussions.				
Is a highly motivated learner who makes every effort to improve.				
Is an efficient, persistent, and resourceful learner.				
Is a highly organized, independent, and responsible learner.				
Carefully and consistently completes work by assigned due dates.				
Completes work in an efficient and consistent pace without loss of focus.				
<b>Study Skills Score</b>				