



MRPS Ninth Grade Universal Skills

To be successful heading into Ninth Grade students must be able to:

Reading		Math	
Use word relationships to clarify word meanings		Approximate an irrational on a number line	
Analyze connotations/denotations of words		Make equivalent integer exponent expressions	
Recognize faulty cause-and-effect descriptions		Perform basic operations: scientific notation	
Analyze plot development and conflict resolution		Apply Pythagorean theorem to find distance	
Analyze characters' traits and motives		Use square and cube root symbols for solutions	
Draw conclusions based on details and text patterns		Know graph as ordered pairs of inputs and outputs	
Analyze how details support and develop central idea		Interpret a unit rate as the slope of a graph	
Analyze theme's development in a literary text		Derive the slope-intercept equation for a line	
Compare various point of views' effects on plots		Find rate of change/initial value of a function	
Analyze how sentences develop and refine a key idea		Write a function to model a linear relationship	
Explain literary devices' contributions to text		Solve rational coefficient linear equations	
Analyze word choices' impact on meaning and tone		Compare linear functions shown different ways	
Analyze genre characteristics' influence on text		Know $y=mx +b$ as linear (straight-line graph)	

All MRPS students lacking any of these skills will be guaranteed access to remediation supports

Reading		Math	
Evaluate an argument's reasoning and evidence		Solve 2-variable linear systems algebraically	
Analyze author's response to contrary evidence		Construct a scatter plot	
Describe what effects an argument's credibility		Perform a rotation, reflection, or translation	
Compare newly rendered texts to original sources		Understand congruence via rigid transformations	
		Understand similarity through transformations	
		Angle facts from parallels and transversals	
		Solve problems with cone/cylinder/sphere volume	

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