	PHYSICS
	KINEMATICS - SUCCESS CRITERIA
	Succes What is the rule for adding vectors?
	Understand that an object's state of motion is tied to either a Frame of Reference or a defined Rest Position.
I	A Significant Digit is any integer in a stated value (except leading zeros)
I	Understand the metric system prefixes and be able to convert units.
l	Understand the concepts of Distance, Speed and Time.
	Know the mathematical relationship between these variables and how to use it to solve for a missing variable.
I	What is a D-T graph?
I	What does the SLOPE mean on a D-T Graph?
I	What is the relationship between slope and speed?
I	Is it possible to have a vertical line on an D-T Graph?
l	What does a horizontal slope on a D-T Graph mean?
I	What is happening if the D-T Graph curves?
I	What is the difference between Scalars and Vectors?
l	What is the difference between Distance and Displacement?
l	What is the difference between Speed and Velocity?
l	What is the rule for adding vectors?
	When solving algebraically, why is it important to define which direction is positive?
I	Can you draw a vector diagram to illustrate solving vectors in 2D?
	Are you able to use Pythagorean Theorem and Primary Trig Ratios to calculate Resultant Displacement?
	Are you able to use Sine Law and Cosine Law to calculate Resultant Displacement?
l	What is another word for negative acceleration?
I	What is Δv ?
I	Can you rearrange the acceleration formula to find v_1 or v_2 ?
I	How does a VT graph relate to a DT graph?
I	What does the slope on a VT graph represent?
I	What does the area under the VT graph represent?
I	What would a horizontal line on a VT graph represent?
l	What would a positive slope represent on a VT graph?
l	What would a negative slope represent on a VT graph?
	What would a curved line represent on a VT graph?
	Understand the empirical nature of gravity
	Know the acceleration due to gravity on Earth is 9.81m/s/s
	Be able to solve problems involving gravity using various equations