	Grade 9	Grade 10	Grade 11	Grade 12
Organization	Alg II –	Alg II –	Ext Ma –	Math SL
Self-Management	Car Price Assessment –	Car Price Assessment –	Linear and Quadratic	IB Specimen Test –
Time Management	October	October	Equations - Sept	December
	Time Management – All	Time Management – All	Time Management –	
	Units (Late Penalties)	Units (Late Penalties)	All Units	Math Studies –
		Ext Ma –		Internal Assessment
		Linear and Quadratic	Math SL	- January
		Equations - Sept	IB Specimen Test –	
		Time Management – All	December	
		Units		
			Math Studies –	
			Internal Assessment -	
			January	
Collaboration	Alg II	Alg II	Ext Ma –	Math SL
Working in Groups	Capsule Wardrobe	Hand Span Assessment –	Geometric Sequences	Algebra Review
Accepting and	Assignment	September	– to fret or not to fret -	Packet – September
analyzing others'	Hand Span Assessment –		March	
viewpoints Negotiating	September	Ext Ma –	Linear Equations – Rich	Math Studies –
differences with		Geometric Sequences – to	Eisen assessment -	Linear Equations
respect		fret or not to fret - March	Sept	(Barbie Bungee
		Linear Equations – Rich		Jump)
		Eisen assessment - Sept	Math SL	Internal Assessment
			Algebra Review Packet	– Project Ideas
			– September	
			Math Studies –	

Communication Expressing ideas clearly Awareness of type of medium/audience Expressive use of Language	Alg II Solving equations and inequalities – September Assessments (criteria C)- Other ways of presenting ideas	Alg II Solving equations and inequalities – September Assessments (criteria C)-Other ways of presenting ideas Ext Ma – Polynomials – even/odd assessment - October	Linear Equations (Barbie Bungee Jump) — September Internal Assessment — Project Ideas Ext Ma — Polynomials — even/odd assessment - October Math SL Rational Function Review - October Math Studies — Bivariate Analysis - November	Math SL Rational Function Review - October Math Studies – Bivariate Analysis - November Triangles - March
Information Literacy Accessing information Selecting and organizing information Referencing	Alg II Assessments (out of class investigation) including Car Price Assessment - October	Alg II Assessments (out of class investigation) including Car Price Assessment - October Ext Ma — Polynomials — Even Odd Assessment - October Linear Equation — Rich Eisen assessment - September	Triangles - March Ext Ma — Polynomials — Even Odd Assessment - October Linear Equation — Rich Eisen assessment - September Math SL — Mathematical Exploration - February Math Studies —	Math SL — Mathematical Exploration - February Math Studies — Bivariate Analysis - November Internal Assessment - January

			Bivariate Analysis - November Internal Assessment - January	
Reflection	Alg II	Alg II	Ext Ma –	Math SL –
Self-Awareness	"Post-It" Reflection -	"Post-It" Reflection -	Sine Waves – Sum of	Semester Exam Prep
Self-Evaluation	ongoing	ongoing	Sine Waves	– January
	Assessments (criteria D)-	Assessments (criteria D)-	Assessment - February	,
	What are sources of error,	What are sources of error,	Polynomials –	Math Studies –
	what other ways to solve,	what other ways to solve,	Exploration	Linear Regressions -
	what are applications to	what are applications to	Assessment - October	November
	other areas.	other areas.		
	Presumed Knowledge (Ch 1-	Presumed Knowledge (Ch 1-	Math SL –	
	2)- what do I know, what do	2)- what do I know, what do	Semester Exam Prep –	
	I need to review	I need to review	January	
		Ext Ma –	Math Studies –	
		Sine Waves – Sum of Sine	Linear Regressions –	
		Waves Assessment -	November	
		February		
		Polynomials – Exploration		
		Assessment - October		
Thinking	Alg II	Alg II	Ext Ma –	Math SL –
Creative thinking	Perm & Comb Sept	Perm & Comb Sept	Exponential Equations	Mathematical
Critical thinking Analytical	Projectiles Assessment (real	Projectiles Assessment -	– the nature of the	Exploration –
Generating Ideas	world problem– March	March	infinite and	February
Planning		Ext Ma –	infinitesimals - March	

Identifying	Exponential Equations – the	Sine Waves – Sum of	Graphs of Everything
problems/Problem	nature of the infinite and	Sine Waves	- October
Solving	infinitesimals - March	assessment - February	
Creating novel	Sine Waves – Sum of Sine	Linear Equations – Rich	Math Studies –
solutions	Waves assessment -	Eisen assessment -	Internal Assessment
Applying knowledge	February	Sept	– Project idea
	Linear Equations – Rich	Geometric Sequences	generation -
	Eisen assessment -	– to fret or not to fret -	September
	September	March	Logic - December
	Geometric Sequences – to	Functions – Even/Odd	Quadratic Equations
	fret or not to fret - March	assessment - October	– Water Balloon
	Functions – Even/Odd	Trig – Solving Complex	Toss - October
	assessment - October	Trig Equations -	Internal Assessment
	Trig – Solving Complex Trig	December	- January
	Equations - December	Polynomials – Ever	Bivariate Analysis -
	Polynomials – Ever	Decreasing Circles -	November
	Decreasing Circles - October	October	Linear Equations –
			Barbie Bungee Jump
		Math SL –	- September
		Mathematical	
		Exploration – February	
		Graphs of Everything -	
		October	
		Math Studies –	
		Internal Assessment –	
		Project idea generation	
		- September	
		Logic - December	
		Quadratic Equations –	
		Water Balloon Toss -	
		October	

			Internal Assessment - January Bivariate Analysis - November Linear Equations – Barbie Bungee Jump – September	
Transfer	Alg II	Alg II	Ext Ma –	Math SL –
Making connections	Polynomials Assessment -	Polynomials Assessment -	Polynomials – Even	Vectors - March
Inquiring in different	February	February	Odd Assessment -	
contexts	Normal Distribution – April	Normal Distribution – April	October	Math Studies –
			Sine Waves – Sum of	Quadratic Equations
		Ext Ma –	Sine Wave assessment	– Water Balloon
		Polynomials – Even Odd	– February	Toss - October
		Assessment - October		Linear Equations –
		Sine Waves – Sum of Sine	Math SL –	Barbie Bungee Jump
		Wave assessment -	Vectors – March	- September
		February		
			Math Studies –	

			Quadratic Equations – Water Balloon Toss - October Linear Equations – Barbie Bungee Jump – September	
Affective Skills Mindfulness	Alg II – Polynomials Assessment -	Alg II – Polynomials Assessment -	Ext Mat - Sine and Cosine In	Math SL – Chain Rule of
Perseverance Emotional	February	February	Class Investigation – February	Differentiation – November
Management Self-Motivation		Ext Mat - Sine and Cosine In Class	Math SL –	Math Studies
Resilience		Investigation - February	Chain Rule of	Internal Assessment
		,	Differentiation –	- January
			November	
			Math Studies	
			Internal Assessment -	
			January	

Notes: