Grade Level	Course Name	Sylabus Name	Standard Description	Standard Name	Standard Code	Description
Grade 11	Mathematics	Algebra	Functions	Generalities about functions, economical functions	ch1	Intervals in R.
						Definition of a function
						Particular functions. Representative curve of a numerical
						Parity and symmetry. Economical functions: profit, cost, revenue
Grade 11	Mathematics	Algebra	Polynomials	Polynomials and second degree equations	ch2	Definition of second degree polynomials. Second degree equations
						Sum and product of Finding two numbers knowing their sum
						Problems. Factorization and sign
Grade 11	Mathematics	Algebra	Polynomials	Sign of the second degree polynomial, inequations	ch3	of second degree Solution of a second degree inequations
Grade 11	Mathematics	Algebra	Functions	Functions: limits, asymptotes and continuity	ch4	Limit of a function at infinity.
						Limit at a point. Operation on the Behavior of a Limit of a rational function at Continuity of a Derivative function
Grade 11	Mathematics	Algebra	Functions	Functions: Derivatives	ch5	Derivative at a (definition)
						Table of derivatives.
						Sense of variation.
						Extremum.
Grade 11	Mathematics	Algebra	Functions	Polynomial functions.	ch6	Study polynomial Intersection of two curves
						Graphical resolution. Link to economical functions

Grade	Subject	Branch	Domain	Topic	Chapter	Details
Grade 11	Mathematics	Algebra	Functions	Rational functions	ch7	Study of rational functions
						Oblique asymptotes.
						Link to economical functions
Grade 11	Mathematics	Algebra	Functions	Antiderivatives	ch8	Antiderivative of a function
						Antiderivative verifying a given
						Properties.
						Rules.
						Link between marginal and total cost
Grade 11	Mathematics	Algebra	Sequences	Arithmetic and geometric sequence	ch9	Arithmetic sequence
						Geometrical sequence
						Simple and compound interest
Grade 11	Mathematics	Algebra	Statistics	Statistics - Data analysis	ch10	Classes.
						Cumulative frequency
						Graphical representation
						Mean, median, mode.
Grade 11	Mathematics	Algebra	Counting	Counting	ch11	Factorial of a number.
						Arrangement with repetition
						Arrangement without repetition
						Permutation.
						Combination.
						Problems.
Grade 11	Mathematics	Algebra	Probability	Probability	ch12	Vocabulary.
						Rule of probability.
						Permutation.
						Arrangement
						Combination.