

Wyoming Department of Education Required Virtual Education Course Syllabus

Natrona County School District # 1

Program Name	Natrona Virtual Academy	Content Area	MA
Course ID	NCV02157.1	Grade Level	9,10,11,12
Course Name	Consumer Math Sem 1	o Credits	.5
SCE Code	02157G0.5012	Curriculum Type	Odyssey

COURSE DESCRIPTION

Consumer Math is a introduction to the many ways in which math can be used in everyday life. The course gives practical advice o how to handle situations that involve money an math principles. Consumer Math focuses o the basic skills an methods of arithmetic an provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas an interest equations. Students will also be introduced to topics in statistics.

WYOMING CONTENT AND PERFORMANCE STANDARDS

STANDARD#	BENCHMARK (Standard/Indicator) Use the Standards and Benchmarks as Spreadsheets
CCSS.Math.Content.HSF-IF.C.9	Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).
CCSS.Math.Content.HSF-IF.B.4	For function that models relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing ke features given a verbal description of the relationship.
CCSS.Math.Content.HSF-BF.A.1.c	Compose functions.
CCSS.Math.Content.HSF-IF.C.9	Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).
CCSS.Math.Content.HSF-IF.A.3	Recognize that sequences are functions, sometimes defined recursively, whose domain is a subset of the integers.

SCOPE AND SEQUENCE

UNIT OUTLINE	STANDARD#	OUTCOMES OBJECTIVES/STUDENT CENTERED GOALS
Unit 1: Basic Math Review	CCSS.Math.Content.HSF-IF.C.9, CCSS.Math.Content.HSF-IF.B.4,	Student will apply the rules of adding, subtracting, multiplying, and dividing to signed numbers, fractions with like and unlike denominators, mixed numbers and improper fractions, as well as convert between fractions, decimals and percents.
Unit 2: Personal Finance	CCSS.Math.Content.HSF-BF.A.1.c,	Student will recognize various forms of compensation for employment, identify other methods to earn money, and calculate tips, pay, income needs, and deductions from paycheck.
Unit 3: Statistics	CCSS.Math.Content.HSF-BF.A.1.c, CCSS.Math.Content.HSF-IF.C.9, CCSS.Math.Content.HSF-IF.A.3	Student will calculate central tendencies, variances, standard deviations, and distribution curves for a set or sets of data, determine probabilities, and analyze balance sheets.
Unit 4: Taxes and Insurance	CCSS.Math.Content.HSF-BF.A.1.c,	Student will differentiate between the kinds of insurance, how to calculate costs, deductibles, and out of pocket costs, as well as understanding the different types of taxes and tax rates.
Unit 5: Banking Services and Investments	CCSS.Math.Content.HSF-BF.A.1.c, CCSS.Math.Content.HSF-IF.C.9	Student will become familiar with the different services of a bank, know about estates, wills and trusts, and calculate different types of interest.