

Wyoming Department of Education Required Virtual Education Course Syllabus

Natrona County School District # 1

Program Name	Natrona Virtual Academy	Content Area	MA
Course ID	NCV02157.2	Grade Level	9,10,11,12
Course Name	Consumer Math Sem2	o Credits	.5
SCE Code	02157G0.5022	Curriculum Type	Odysseyware

COURSE DESCRIPTION

Sem. 2 of Consumer Math continues to give the practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and 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-BF.A.1.b	Combine standard function types using arithmetic operations.
CCSS.Math.Content.HSF-BF.A.1.c	Compose functions.
CCSS.Math.Content.HSF-LE.A.1.b	Recognize situations in which one quantity changes at constant rate per unit interval relative to another.
CCSS.Math.Content.HSF-LE.A.1.c	Recognize situations in which a quantity grows or decays by a constant percent rate per unit interval relative to another.

SCOPE AND SEQUENCE

UNIT OUTLINE	STANDARD#	OUTCOMES OBJECTIVES/STUDENT CENTERED GOALS
Unit 6: BANKING AND CREDIT COSTS	CCSS.Math.Content.HSF-IF.C.9, CCSS.Math.Content.HSF-BF.A.1.b, CCSS.Math.Content.HSF-BF.A.1.c,	Student will understand credit, how it affects your financial life, how to calculate different types of interest, and determining your account balance in a number of ways.

	<p>CCSS.Math.Content.HSF-LE.A.1.b, CCSS.Math.Content.HSF-LE.A.1.c</p>	
<p>Unit 7: PURCHASE AND SALE OF GOODS</p>	<p>CCSS.Math.Content.HSF-IF.C.9, CCSS.Math.Content.HSF-BF.A.1.b, CCSS.Math.Content.HSF-BF.A.1.c</p>	<p>Student will understand credit, how it affects your financial life, how to calculate different types of interest, and determining your account balance in a number of ways.</p>
<p>Unit 8: LEISURE, TRAVEL, AND RETIREMENT</p>	<p>CCSS.Math.Content.HSF-BF.A.1.b, CCSS.Math.Content.HSF-BF.A.1.c</p>	<p>Student will consider the expenses involved in traveling, different recreations and hobbies, and necessary funds for retirement.</p>
<p>Unit 9: JOB RELATED SERVICES</p>	<p>CCSS.Math.Content.HSF-BF.A.1.b, CCSS.Math.Content.HSF-BF.A.1.c</p>	<p>Student will use ratio and proportions to solve problems involving electricity, pulley problems, and fulcrum problems, calculate expenses involved in certain jobs, and use area formulas and trigonometric functions to solve real world problems</p>
<p>Unit 10: CONSUMER MATH REVIEW</p>	<p>CCSS.Math.Content.HSF-BF.A.1.b, CCSS.Math.Content.HSF-BF.A.1.c</p>	<p>Students will review all of the skills learned in the nine prior units.</p>