

# Wyoming Department of Education Required Virtual Education Course Syllabus

## Natrona County School District # 1

Program Name	Natrona Virtual Learning	Content Area	MA
Course ID	NCV02051.2	Grade Level	9
Course Name	Pre-Algebra Sem 2	of Credits	0.5
SCE Code	02051G0.5022	Curriculum Type	Odysseyware

### COURSE DESCRIPTION

*Sem. 2 Pre-Algebra continues to prepare students for Algebra 1. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking*

### WYOMING CONTENT AND PERFORMANCE STANDARDS

STANDARD#	BENCHMARK (Standard/Indicator) <a href="#">Use the Standards and Benchmarks as Spreadsheets</a>
N.Q.3	Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.*
A.REI.1	Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the
N.Q.3	Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.
G.MG.1	Use geometric shapes, their measures, and their properties to describe objects (e.g., modeling a tree trunk or a human torso as a cylinder)
F.IF.7	Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more comp

### SCOPE AND SEQUENCE

UNIT OUTLINE	STANDARD#	OUTCOMES OBJECTIVES/STUDENT CENTERED GOALS
Unit 1 Measurement	N.Q.3	Identify angles by their measure.
Unit 2 Plane Geometry	G.MG.1	Find the circumference or perimeter of a figure.
Unit 3 Measures Of Solid Figures	A.REI.1	Classify a three-dimensional figure by its characteristics.
Unit 4 Data Analysis	F.IF.7	Identify a sample as biased or unbiased.
Unit 5 Probability	N.Q.3	Identify all the possible outcomes for a given situation.