

Math 4

Text:	Lawson, Nancy. <i>Math 4, An Incremental Development</i> . Norman: Saxon Publisher 1995
Supplemental Materials:	Saxon Manipulatives, safety compass
Course Description:	Math 4 enables students to develop a solid foundation in the language and basic concepts of all areas of mathematics. While this program builds on prior learning, new learning is presented in increments with time provided between increments for practice.
Methods of Evaluation:	Students can be evaluated through tests, quizzes, homework, and/or any other form of evaluation instrument the instructor finds applicable to the course.
Pace of Instruction:	First Semester: Lesson 1 - 65 Second Semester: Lesson 66 - 130
Course Objectives:	<p>At the end of this course students will be able to:</p> <ol style="list-style-type: none"> 1. Read, write, compare, and order large numbers 2. Write numbers in expanded form and identify place value 3. Round numbers off to nearest tens, hundreds, and thousands 4. Identify prime and composite numbers 5. Master basic addition, subtraction, multiplication, and division facts 6. Add, subtract, multiply, and divide multi-digit numbers 7. Name, compare, and order fractions and mixed numbers with like and unlike denominators 8. Add and subtract fractions with like and unlike denominators 9. Label number lines using fractions, decimals, and positive and negative numbers 10. Represent numbers using Roman Numerals 11. Learn customary and metric units of measurement 12. Tell time to the second and compute elapsed time 13. Identify basic concepts of geometry 14. Read, interpret, and create graphs and charts 15. Identify square root 16. Learn how percents, decimals, and fractions are related and explore ratio and probability 17. Create and read a Venn diagram 18. Use a scale on a map 19. Solve many types of word problems 20. Understand the meaning and measure of a half rotation (180°) and a full rotation (360°)