

Northville Christian School

41355 Six Mile Road Northville, Michigan 48168

Fourth Grade Learning Charts

This Learning Chart is designed to explain the goals of our instructional program. It shows examples of the goals for students in each subject at your child's grade level. The chart does not list all of the skills children are taught or all of the concepts to which they are exposed. Instead, each section indicates some of the skills the majority of students possess after they have completed that grade level. The rate of progress will depend upon individual differences and teaching styles.

The skills and concepts are listed in separate subject areas on this chart. They are taught in conjunction with one another so that the student can recognize the relationships among the various subjects. Many skills are practiced and improved upon in more than one grade level.

Learning Charts for each grade level were compiled by the Northville Christian School faculty, in cooperation with the administration, as a helpful guide for parents.

Bible

- The fourth grade students begin the year with tools for Bible study. Some of the topics studied are God, His Word, the Holy Spirit and Salvation. Students will understand these doctrines and how it applies to God's plan for their lives. Most importantly, children learn how following the Lord influences their behavior and how they treat others.
- Memorize designated Bible verses
- Present the Gospel of Jesus Christ with opportunity for response
- Apply biblical principles in the following area:
 - daily life
 - character development
 - problem solving
 - team building

- Explore the meaning of the Trinity
- Teach how to use timelines, maps, concordance skills, and context to understand God's word
- Participate in presenting a chapel

Citizenship & Personal Development

- Follow school and classroom rules
- Respect the efforts and feelings of others
- Maintain self control
- Demonstrate a positive attitude
- Be prepared for class at all times
- Develop an understanding of Christian principles appropriate for this age
- Memorize designated scriptures
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Language Arts

- Refine cursive skills
- Spell most words needed for creative writing; spell fourth grade level words
- Use capitalization and punctuation rules correctly in daily writing
- Write different types of letters; address an envelope
- Write statement, exclamation, question, and command sentences
- Identify the topic sentence in a paragraph; write a paragraph with a topic sentence
- Recognize a quotation
- Expand grammar skills through Shurley English Method
- Write original stories and poems
- Write book reports
- Plan, write and present reports; speak to a group

Mathematics

- Compute all four operations with whole numbers, fractions, mixed numbers, decimal numbers, integers and money
- Determine time elapsed
- Understand and identify place value of whole numbers and decimal numbers
- Read and write six digit numerals and above
- Understand geometric concepts with shapes, formulas and measurement
- Identify GCF, LCM and prime numbers
- Write and read expanded notation with exponents
- Read and create bar, line and circle graphs
- Understand the relationship between fractions, decimals and percents
- Use order of operations to solve expressions
- Convert length, liquid and weight measurements between U.S. customary and metric systems
- Determine the probability, chance and ratio in story problems
- Translate numerals between Arabic and Roman

Reading

- Identify words using context clues and word structure
- Answer different levels of comprehension questions for both fiction & non fiction texts
- Evaluate characters and problems in a story
- Find main idea and supporting details
- Expand on previously learned phonics skills
- Expand research skills
- Select and read appropriate library books
- Read for pleasure at own initiative
- Distinguish between
 - fact and opinion
 - cause and effect
- Continue to use dictionaries and encyclopedias
- Review synonyms and antonyms
- Review suffix and prefix

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Social Studies

- Introduce geography and geographic terms such as latitude, longitude, resources, climates, and regions
- Explore the different regions of the United States. Learn about their different cultures, history, land, climate, and industry
- Develop an understanding of the executive, legislative, and judicial branches of the federal government
- Introduce state and local governments and how they function
- Begin learning about our world neighbors, world trade, and time zones
- Know how to read many kinds of maps, atlases, charts, and graphs
- Learn state locations and capitals
- Develop knowledge of the constitution and its amendments, Pledge of Allegiance, Declaration of Independence and the Articles of Confederation
- Continue learning about explorers, early settlers and the American Colonies
- Introduce the reasons and outcome of the French and Indian, Revolutionary Wars
- Be able to trace God in the lives of many of our founders and leaders
- Obey God's word and pray for our government leaders

Science

- Expand learning concepts in these areas through hands-on activities including two quarters spent in the Hands-on science lab
 - pond community
 - weather
 - sound
 - birds
 - soils and plants
 - skeleton
 - oceans
 - simple machines

Physical Education

- Develop physical fitness (jump rope, exercise, stamina)
- Practice for improvement of skills
- Develop team sport concept
 - cooperation
- Display Christian sportsmanship
 - winning and losing
- Learn rules for appropriate games
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Music

- Learn songs for enjoyment including musical game songs
- Develop an appreciation for various types of music
- Learn basic note reading; correlate beats and measures; do interval reading/recognition exercises
- Recognize appearance and sound of instruments: woodwinds, brass, strings, percussion; recognize blend of instrument sounds
- Learn about the history of instruments
- Discuss composers and their music
- Develop performance skills through participation in concerts

Spanish

- Review the Spanish alphabet, color words, dates, the family, and numbers to 100
- Learn Me gusta/gustan, expressions with the verb Tener, weather, and community vocabulary
- Appreciate Spanish culture with emphasis on Christmas in Mexico, the weather in various Spanish speaking countries
- Encourage children to feel comfortable speaking a foreign language

Art

- Increase perception
 - increase visual awareness
 - see shapes and forms as they relate to space and light
- Increase conceptualization
 - develop a vocabulary for dealing with a variety of art media, design, composition, variations of light, color, texture, form, shape, and space
- Increase creative experience
 - increase knowledge and application of tools and materials as they relate to artistic production and experience
 - develop interest, openness, spontaneity with object or experience
- Develop skills in subsequent activities
 - drawing
 - painting
 - sculpture (maché and clay)
 - art history
 - design

Computer

- Learn how a computer works
- Distinguish between input and output devices on the computer
- Learn to find specific programs within the Windows program management system
- Continue using the word processing program
- Develop problem solving strategies
- Continue to practice proper keyboarding techniques for speed and accuracy