



Northville Christian School

Fourth Grade Learning Chart

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.

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.
- 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 and 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

Reading

- Identify words using context clues and word structure
- Answer different levels of comprehension questions for both fiction & nonfiction 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
- Compare and contrast different literature

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 and closing sentences
- Recognize a quotation
- Recognize subject-predicate agreement
- Recognize and use parts of speech
- Write original stories and poems
- Plan, write and present writing, 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
- Memorize addition/subtraction/multiplication/division basic facts up to 12

Science & Health

- Study these areas through hands-on activities, including two quarters spent in the hands-on science lab
 - weather
 - sound
 - birds
 - soils and plants
 - skeleton
 - oceans
 - magnetism
- study dental health
- learn about the digestive system
- discuss personal hygiene

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
- 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
- USA History from first Americans through the end of Civil War
- USA History from Reconstruction to the End of World War II

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 assigned scriptures

Art

- Expose students to a variety of artist and their artwork. Examples: Edward Munch, Georgia O'Keeffe and Louise Nevelson
- Increase visual awareness, see shapes and forms as they relate to space and light
- Develop a vocabulary for dealing with a variety of art media
- Identify Analogous colors
- Continuing to develop student's success when using art techniques using:
 - Painting (tempera and watercolor)
 - Drawing (chalk, crayon, pencil and oil pastel)
 - Collage
 - Found object sculpture

Computer

- Create Power Points, Word documents & Excel spreadsheets
- Format documents, use clip art, word art and auto shapes
- Identify search strategies for locating information with support from teacher
- Describe precautions surrounding personal safety that should be taken when online
- Continue to practice proper keyboarding skills

Music

- Sing a wide variety of songs with a diverse cultural repertoire
- Speak simultaneous Ostinato patterns to accompany a song
- Learn basic note reading and writing, apply to sight-singing and playing Orff arrangements/other percussion instruments
- Improvise rhythm and tonal patterns with syllables
- Sight/sound identification of the woodwind instruments
- Discuss composers and their music family of instruments

Physical Education

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

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 school 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