



Northville Christian School

Third 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, nor 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.

Reading

- Review, understand, and apply all previously learned phonics skills and word meanings
- Recognize the vowel digraphs
- Review, understand, and expand prefixes, suffixes, compound words, and contractions previously learned
- Use new vocabulary words; discover word meanings from context
- Know, understand, and apply basic synonyms, antonyms, and homonyms
- Practice rules for dividing syllables
- Practice reading comprehension skills:
 - draw conclusions
 - make inferences, predictions, find proof
 - see relationships
 - understand cause/effect
 - state main idea
 - keep events in proper sequence
 - find answers to specific questions
 - skim materials for information
 - follow written directions
- Accept responsibility; work independently
- Read maps and charts
- Use Thesaurus
- Use table of contents and glossary
- Use dictionary to look up words; understand use of guide words; alphabetize words up to fourth letter
- Dramatize stories and poems
- Continue to develop reading fluency

Language Arts

- Review, understand, and apply all previously learned capitalization skills and punctuation marks
- Use commas with a series of words, in dates, and after greetings and closings
- Use an apostrophe in making possessive words
- Apply previously learned spelling skills in everyday writing
- Use a period after abbreviations, initials, and in sentence structure
- Review nouns and verbs; identify subject and predicate; gain basic understanding of adjectives, adverbs, and pronouns
- Group related sentences in sequence to form a paragraph; write the main idea of a paragraph
- Write a simple letter and address an envelope
- Create original prose and poetry
- Write a simple report; give an oral report in class
- Form cursive letters correctly; apply cursive writing skills in daily work
- Diagram & label parts of speech in a sentence

Mathematics

- Tell time to the nearest minute, determine lapsed time
- Understand the basic metric system
- Write a fraction for the shaded part of a region and identify halves, fourths and eighths
- Compare two fractions with the same denominator with the aid of a model; write a mixed number for the shaded parts of regions
- Write tenths as a decimal
- Compare fractions with denominators of 2, 3 and 6
- Add and subtract fractions with denominators of 2, 3 and 6
- Read a thermometer to the nearest degree
- Identify the freezing and boiling points of water
- Measure with cups, tablespoons and teaspoons
- Square numbers and simplify expressions with exponents of 2
- Find square roots of perfect squares
- Read and write Roman numerals to 31
- Identify horizontal, vertical perpendicular and oblique lines and line segments
- Identify the properties of quadrilaterals
- Recognize faces, vertices, and edges of a geometric solid
- Identify factors of a number
- Write prime numbers less than 20
- Know addition facts 0-20; add three 1-digit numbers; add 2 and 3-digit numbers with or without regrouping
- Know subtraction facts 0-20; subtract 2 and 3-digit numbers with or without regrouping
- Know multiplication facts 0-12; multiply a 2-digit number with or without regrouping
- Identify the commutative property of multiplications
- Know division facts using 1-digit divisor; gain basic understanding of long division with or without remainders
- Act out, draw pictures, and write number sentences for addition, subtraction, multiple, and division story problems
- Write numbers 0-1000
- Solve word problems using addition, subtraction, multiplication, or division; use information from a chart or picture graph to solve word problems
- Round numbers to nearest thousand
- Compare two numbers using $<$ or $>$ or $=$
- Recognize the value of quarters, dimes, nickels and pennies to \$0.99; write the value of pennies, dimes, and dollars to \$9.99 and compare their value in sets
- Read and write money amounts to 1,000
- Label dollar amounts
- Use critical thinking skills to answer story problems

Science

- Study these areas through hands-on activities:
 - Water Cycle
 - Properties of Liquids
 - Solar System
 - Electricity
- Conduct basic experiments
- Collect data
- Use of math concepts in science

Social Studies

- Develop an awareness of Michigan history, geography & economics
- Understand why we have government
- Understand a citizen's responsibilities
- Understand how the three branches of government work
- Identify natural characteristics: lakes, rivers, land formations, etc.
- Visual aid and report on a Michigan topic
- Brochure on a Michigan city
- US History Topics
 - Formation of the US as a country
 - Revolution War
 - Development of the US government
 - 13 Colonies
 - Westward expansion

Bible

- Memorize designated scripture
- Present the Gospel of Jesus Christ with opportunity for response
- Apply biblical principles in the following areas:
 - daily life
 - character development
 - problem solving
 - team building
- Study the life of Jesus with an emphasis on Paul's life
- Understanding the importance of serving one another through service projects
- Participate in presenting a chapel

Citizenship & Personal Development

- Accept responsibility; work independently
- Listen to and follow directions; evaluate own work
- Cooperate and participate in class activities; work well with others; accept group decisions
- Have a healthy self-concept; control own emotions
- Develop an understanding of Christian principles appropriate for this age

Art

- Expose students to a variety of artist and their artwork. Examples: Da Vinci and Paul Gauguin
- Identify complementary colors, mix and blend colors; contrast light and dark
- Learn about pattern development, textures, background/foreground (objects close/far, larger/smaller) point of view
- Expose students to different eras of art. Example: Ancient Greece and Asian art
- Continue to develop student's understanding of different subject matter such as landscape, portrait, still life and abstract art
- Developing student's success when using art techniques using:
 - Painting (tempera and watercolor)
 - Collage
 - Drawing (chalk, crayon, pencil and oil pastel)
 - Relief sculpture

Computer

- Use word processing program as part of a classroom project
- Be able to format font and paragraph settings
- Use clip art and auto shapes to illustrate work in a word processing program
- Begin to learn proper keyboarding techniques for speed and accuracy
- Learn to manage files by saving, opening and printing assignments
- Discuss Internet safety – Identify personal information that should not be shared on the Internet

Music

- Sing a wide variety of songs in different tonalities and meters
- Learn basic note, rhythm, reading and writing
- Sight/sound identification of the string instrument family
- Develop an appreciation for a wide variety of music through listening/exposure
- Play or sing one part of a multi-part round
- Improvise basic rhythm and tonal patterns
- Discuss composers and their music

Physical Education

- Develop large motor skills
- Cooperate in group play or team play
- Learn self-control
- Improve physical fitness
- Learn rules for appropriate games
- Display sportsmanship while winning or losing

Spanish

- Review the Spanish alphabet, color words, days and months
- Learn numbers 0-199
- Learn family members, opposites, emphasis on numbers, understand basic sentence structure
- Appreciate Spanish culture through holidays
- Become comfortable speaking a foreign language