



Northville Christian School

Seventh 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

- Memorize designated scripture
- Present the Gospel of Jesus Christ with opportunity for response
- Apply biblical principles in the following areas:
 - daily life
 - relationships
 - friendships
 - character development
- Units on prayer, salvation, the Bible, and witnessing using their textbook and the Bible
- Personal testimony
- Sponsoring a child in a foreign country – letters, gifts, etc.
- Various service projects
- Study on the Book of Acts

Language Arts

- Reading Connections
 - find main idea and supporting details
 - strengthen comprehension skills, vocabulary development and spelling accuracy
 - evaluate story elements of novel/short story
 - analyze a variety of literature styles
 - reinforce reading/writing connection:
 - narrative
 - short story
 - response journal
- Grammar and Writing Connections
 - review sentence structure, mechanics, and parts of speech
 - Explore different purposes for writing including: descriptive, persuasive, informative and comparative writing, poetry, analysis
 - research and report:
 - integrate across curriculum
 - expand study and research skills using multimedia
 - reinforce the grammar/writing connection in speech:
 - speech/oral presentation
 - dramatic presentation
- Strengthen listening comprehension
- Use 6 + 1 Traits of writing to guide writing formation

Mathematics

- Grade Level Math
 - Identify, understand, solve, and compute problems by choosing addition, subtraction, multiplication, or division
 - Understand and use math terms and signs
 - Solve problems by using data from a table
 - Use the order of operations to evaluate expressions
 - Write and solve an equation involving a variable for given phrases
 - Solve problems using formulas
 - Understand geometric concepts
 - Solve problems by making tables
 - Solve problems/equations involving fractions, decimals, percentages, and proportions
 - Understand customary and metric systems
 - Conversions of units of measure
 - Write integers to evaluate:
 - given situations
 - absolute value
 - scientific notation
 - probabilities
 - exponents
- Honors Pre-Algebra
 - Review concepts from grade level math
 - Order of operations – integers, fractions, and decimals
 - Evaluation of algebraic expressions
 - Evaluation of exponential expressions and radicals
 - Graphing and solving equations
 - Graphing and solving inequalities
 - Algebraic sentences
 - Surface area and volume of three dimensional figures
- Testing for 8th grade math placement:
 - Pre-Algebra
 - Algebra 1

Science

- Expand learning and understanding of life science
 - science method and its use in a lab setting
 - plant structure and reproduction
 - classification and identification of living organisms
 - DNA and genetics
 - major body systems and functions
 - study of microbiology: fungi, bacteria, viruses, cells and tissues
 - ecosystems and food webs
 - creation vs. evolution
 - hands on activities (i.e. dissections and labs)

Civics

- Introduced to the way geographers study the earth
- Learn about the Eastern Hemisphere through the five themes of geography with a focus on missions
- Learn how Christians affect the Muslim, Buddhist, Hindu, and Sikh nations for Christ
- Introduced to the cultures, governments, religions, climates, and landforms of Europe, Africa, Asia, and Australia

Community Service and Social Skills

The ability to interact effectively with people and life's circumstances is very important. Students are involved in instructional strategies and life experiences to enhance the development of their emotional intelligence and character

- Lessons on leadership, character development, and emotional intelligence
- Peer group discussions for the development of interpersonal and intrapersonal skills like empathy, negotiation, communication, and assertiveness
- Peer mediation lessons to empower students to help one another in conflict and for the development of leadership traits
- Community service experiences to allow students to minister to people in and out of our school for the furtherance of biblical principles

Art

- Increase perception
 - increase perceptual 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 the object or experience
- Develop skills in subsequent activities
 - drawing, painting, sculpture (maché and clay), art history, design

Band

- Develop an appreciation for various types of music
- Develop performance skills through participation in concerts
- Listen, read, and write music (both by playing and singing)
- Learn about musical history and how it relates to what is played in class
- Develop an understanding of music theory
- Be able to play your instrument both technically and with musicality

Computer

- Identify and discuss current trends and issues in technology
- Learn to format and print word processing documents
- Learn to create a Power Point presentation
- Learn to use a data base to enter information
- Increase keyboarding skills
- Solve several tasks while using a computer by identifying the correct database, spread sheet, and/or word processing program necessary to complete the assignment
- Utilize the computers for research work
- Digital citizenship including: Cyber bullying, Internet safety, Copy right and plagiarism

Physical Education

- Develop physical fitness (jump rope, exercise, stamina)
- Learn rules for appropriate games
- Develop team sport concept & cooperation
- Learn sports etiquette
- Display Christian sportsmanship when winning or losing
- Develop self control
- Enjoy competition & social interaction in activities
- Practice to improve skills
- Respect others' talents

Spanish

- Review greetings, colors, continue numbers into the millions
- Continue to build on conversational skills
- Review adjective agreement, descriptive adjectives, and the verbs ser, gustar, food, and restaurant vocabulary
- Appreciate Spanish culture
- Encourage children to feel comfortable speaking a foreign language
- Read a Spanish novel

Student may also participate in Band, Small Engines, Home Repair, Home Economics, Art History or Photography. Not all electives are offered every year.