



Northville Christian School

Sixth 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
- Complete Weekly Bible reading logs
- Present the Gospel of Jesus Christ with opportunity for response
- Apply biblical principles in the following areas:
 - daily life
 - relationships
 - friendships
 - character development
- Participate in presenting of a chapel
- Read and discuss "Case for a Creator"

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 percent's
- Use order of operations to solve expressions
- Convert length, liquid and weight measurements
- Determine the probability, chance and ratio in story problems
- Solve algebraic equations

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
 - reinforce the grammar/writing connection in format:
 - paragraph
 - essay
 - business letter
 - reinforce the grammar/writing connection in style:
 - descriptive
 - persuasive
 - informative
 - compare/contrast
- 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

Science

Space

- Organization of the universe: clusters, galaxies, the solar system
- Constellations, stars, the sun, light
- Planets, dwarf planets, moons, smaller solar system bodies

Earth Science

- Layers of earth, plate tectonic
- Reshaping of the earth: weathering, erosion, deposition, earthquakes, volcanoes
- Natural resources (renewable and nonrenewable), energy sources
- Layers and composition of the atmosphere, weather

History

- Analyze the rise and fall of major civilizations:
- Mesopotamia, Israel, Egypt, Greece and Rome
- China and Mesoamerica
- Determine the influences of ancient Greece and Rome on American culture
- Trace the history of the Church
- Think critically and biblically about the events and issues that have shaped world history
- Discuss current events from a Christian perspective
- Develop geography skills using maps and charts

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 perceptual awareness
- Develop a vocabulary for dealing with a variety of art media, design, composition, variations of light, color, texture, form, shape, and space
- Increase knowledge and application of tools and materials as they relate to artistic production and experience
- Develop skills in subsequent activities
 - Drawing, painting, sculpture (maché and clay), art history, design
- Look at periods of art such as Impressionism as Op art
- Introduce real world careers in the arts; graphic design with logo, fashion design and illustrator

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 important people and events in the development of computer technology
- Identify and discuss current trends and issues in technology
- Learn to format and print word processing documents
- Learn how to create a Power Point presentation
- Introduce spreadsheets
- 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
- Digital citizenship

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
- Enjoy social interaction in activities
- Practice to improve skills
- Respect others' talents

Spanish

- Review numbers into the millions, clothing, colors
- Build on conversational skills
- Learn adjective agreement, definite and indefinite articles, parts of the body, descriptive adjectives, subject pronouns, verbs-ser, and gustar
- Appreciate Spanish culture with an emphasis on Spain
- Encourage children to feel comfortable speaking a foreign language