

# Grade 4 Curriculum Overview

## RELIGION

- Reconciliation
- Spiritual and corporal works of mercy
- Precepts of the Church
- Old Testament figures: Abraham, Noah, Isaac, Jacob, Joseph, Moses and the story of Exodus
- Participation in prayer and liturgy
- Beatitudes
- Saints as examples of Christian life

## MATHEMATICS

- Identify place value to hundred thousands
- Add and subtract four-digit numbers
- Compare concrete representations of equivalent and non-equivalent fractions
- Apply appropriate problem solving strategies
- Estimate
- Name, recognize, draw geometric figures
- Use standard and metric measures
- Read and interpret bar, line and circle graphs
- Add and subtract money through \$10.00
- Use hand calculators to solve problems
- Two digit multiplication computation
- Division computation with one number in divisor with and without a remainder
- See fractions as parts of a whole
- Identify fractions on a number line
- Identify improper fractions and write them as mixed numbers

## LANGUAGE ARTS

### Reading

- Enjoy listening to, reading from, talking about books
- Recognize and recall main idea, sequence, cause and effect
- Predict outcome
- Distinguish fact and opinion
- Apply what has been learned from reading to other situations
- Enjoy different genres--fantasy, mystery, realistic fiction
- Word attack skills
- Determine meaning of unknown words from context
- Explain how authors establish time, setting, conflicts

### Writing

- Participate in activities which precede writing
- Write ideas with fluency, confidence
- Use thesaurus to choose words which capture tone, mood
- Apply basic editing skills to final draft of writing (correct grammar, mechanics, usage, spelling appropriate to grade level)
- Write short report indicating sources
- Create different types of poetry
- Create different types of narratives: myth, fantasy, adventure
- Correct usage of grammar: language mechanics (verbs, apostrophes, dialogue marks, etc.)
- Put into practice correct spelling

### Listening

- Use appropriate listening/responding behavior
- Recall and identify important details
- Follow oral directions

## Speaking

- Tell stories, share experiences and ideas appropriately, clearly, audibly and expressively
- Ask appropriate questions, make comments relevant to topic
- Prepare, deliver oral presentations, speeches, reports, etc.
- Choose appropriate vocabulary
- Use appropriate body language, eye contact
- Use proper grammar in everyday speech

## Study Skills

- Use dictionary for cross reference, pronunciation, accent, interpretation, reference
- Use reference materials
- Outline information
- Skim, scan, summarize, take notes from written material
- Use SQ3R for studying content
- Develop fluency when reading to others

## SCIENCE

### Life Science

- Plants, parts of plants, factors which affect their growth
- Animals
- Life processes
- Ecosystems and interactions

### Physical Science

- Forms of energy
- Electricity and magnetism
- Matter

### Earth Science

- Weather with an emphasis on the water cycle and the formation of dew, frost, fog, clouds
- Earth, moon and planets

## SOCIAL STUDIES

4th grade social studies curriculum is Michigan: its history to its future:

- Geography
- Resources
- Early settlers from Native Americans to Europeans
- Michigan's growth through the Depression era
- Michigan's role in supporting the "war effort"
- Future of Michigan

PE, Music, Art, Computer and Spanish instruction is provided through East China School District's Shared Time program with district-area nonpublic schools.