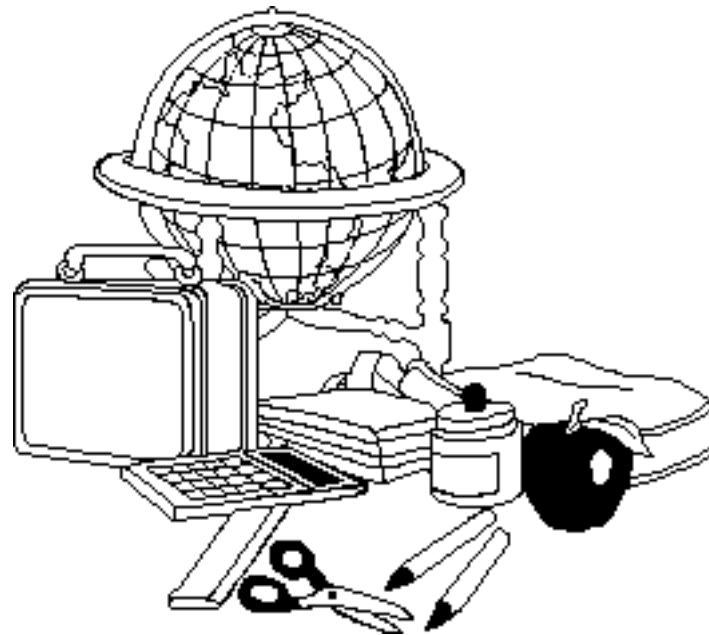


5th GRADE CURRICULUM

MR. DYKEMA
MRS. JENNINGS
MS. OLSON



WELCOME TO 5th GRADE.....



We look forward to an exciting year together!

The following information should acquaint you with our expectations and goals:

Assignments: In 5th grade, our goal is to help the students develop good work habits while they are at school. Most of our major class sessions are 50 minutes long. This allows us 25-30 minutes of instruction time with the remainder of class left for homework assignments. Our schedule keeps us available to assist those students who need further help with the content of the lesson. It also allows the student an opportunity to learn how to use a study period, thus readying them for junior high study halls.

Assignments are given for each subject taught throughout the day. The students are responsible for completing these assignments as follows:

*** Each daily assignment is due at the beginning of the following class period for which it was assigned.*

*** If the assignment is not completed by the assigned time, it will be considered late. A late paper will be graded as is.*

*** After three late assignments, parents will be notified in writing.*

*** Students will not be allowed to stay in at noon to complete late assignments.*

*** Students who have been ill will receive additional time to complete the assignments if necessary.*

*** If your child does not have homework, we expect them to read for 30-45 minutes each night. Research proves that children who read often, perform better at school. This is just as important as any homework assignments for the day.*

Teaching assignments: Mr. Dykema will be teaching science and grammar; Mrs. Jennings is teaching math and social studies; Ms. Olson is teaching reading/spelling and health.

Please check the rest of our packet for information on each subject area

5th grade will again participate in D.A.R.E.. Our field trip will be to Lake Carlos Environmental Center. More information about these activities will be sent home at later dates.

Should there be any questions or concerns throughout the year, please do not hesitate to give us a call, 859-2193, we are always willing to help in any way that we can. It should be a fun year.....WELCOME ABOARD!



5th Grade Schedule

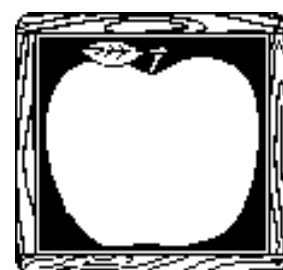


8:10-8:30	Homeroom-Start of Day/Announcements
8:30 - 9:30	Math/Science/Reading-Rotation #1
9:30 - 10:30	Math/Science/Reading-Rotation #2
10:36-11:01	Phy-Ed/Music
11:01-11:15	Snack
11:15-12:15	Math/Science/Reading-Rotation #3
12:25-1:15	Lunch/Recess
1:15-1:45	Grammar/Health/Social-Rotation #1
1:45-2:15	Grammar/Health/Social-Rotation #2
2:15-2:45	Grammar/Health/Social-Rotation #3
2:45-2:55	Homeroom-Day End/Announcements

**5th Grade Band is held Mondays from 2:05-2:50. Individual lesson times vary through out the week.

**Keyboard with Mrs. Dorn is a five-week program

**D.A.R.E. begins in January and runs until April. More information to follow.



EVERYDAY MATH

NUMBERS, NUMERATION, AND ORDER RELATIONS:

--PLACE VALUE, READ AND WRITE WHOLE NUMBERS AND DECIMALS; SCIENTIFIC NOTATION; INTEGERS, FRACTIONS; EQUIVALENCE CLASSES; RELATIONS (<,>=)

MEASUREMENT, MEASURES, AND NUMBERS IN REFERENCE FRAMES:

--BASIC MEASURES (LENGTH, WEIGHT, CAPACITY, TIME, ANGLES); COMPOUND MEASURES (AREA, VOLUME, DENSITY, CALORIES); REFERENCE FRAMES (ORDINAL NUMBERS, TIME, DATES, THERMOMETERS).

OPERATIONS, MENTAL MATH AND NUMBER SYSTEMS:

--CONCEPTS; SKILLS; PROCEDURES; WHOLE NUMBER FACTS AND EXTENSIONS; ESTIMATION; NUMBER THEORY; PROPERTIES.

ALGORITHMS AND PROCEDURES:

--MULTIDIGIT PROCEDURES FOR WHOLE NUMBERS AND DECIMALS; FRACTION OPERATION PROCEDURES.

PROBLEM SOLVING, AND MATHEMATICAL MODELING:

--MENTAL AND WRITTEN ARITHMETIC IN PROBLEM CONTEXTS.

EXPLORING DATA:

--FIND OR COLLECT DATA; LANDMARKS; DISPLAY DATA IN TABLES, CHARTS, GRAPHS; PROBABILITY.

GEOMETRY, AND SPATIAL SENSE:

--NOTATIONS, DEFINITIONS, AND BASIC RELATIONSHIPS FOR 2- AND 3-DIMENSIONAL FIGURES; BASIC METRIC PROPERTIES OF PLANE FIGURES; CONGRUENCE, SIMILARITY, TRANSFORMATIONS OF GEOMETRIC FIGURES

PATTERNS, RULES, AND FORMULAS:

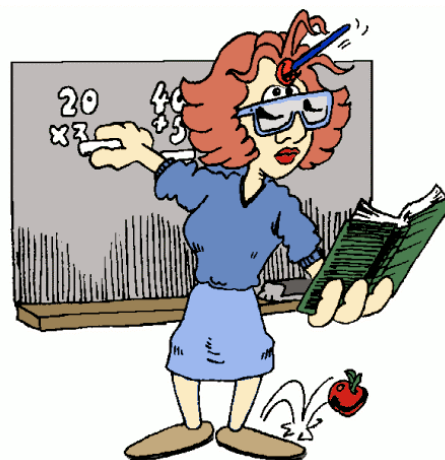
--NUMBER AND VISUAL SEQUENCES; FORMULA MODELS USING VARIABLES.

ALGEBRA AND USES OF VARIABLES:

--PROPERTIES OF NUMBER SYSTEMS; OPERATIONS WITH POSITIVE AND NEGATIVE NUMBERS; PARENTHESES, ORDER OF OPERATIONS; WRITE AND SOLVE EQUATIONS; RELATIONS ON NUMBER LINES; FUNCTION MODELS (RULES, TABLES, AND COORDINATE GRAPHS).

CALCULATORS AND COMPUTERS:

--READING A DISPLAY, NUMBER/OPERATION KEYS. GRAPHIC MODELS, PROBLEM-SOLVING.



Reading/Language Arts

Macmillan/McGraw-Hill, is a fully integrated reading and language arts program. It has a wonderful collection of high-quality, authentic children's literature, created by award-winning authors and illustrators. This collection was selected to represent not only a variety of genres and styles but also instruction in skills and strategies that will help students develop into fluent, lifelong readers and learners. Another goal of this series is to assist students in becoming articulate and effective communicators.

Differentiated Instruction: This type of instruction will help us adapt our lessons to meet the different needs of our students. This will be implemented through:

- Whole Group Lessons
- Teacher-Led Small Groups
- Cross-Curricular Workstations
- Independent Activities

Leveled Readers: Each lesson has guided reading books that incorporate the same concepts, skills, and vocabulary taught during whole group instruction. The books are divided into three categories:

- Approaching
- On Level
- Beyond Level

Workstations: Students with mixed abilities will work in small groups at different workstations. These stations will provide opportunities for:

- Independent Reading
- Independent Writing
- Fluency Practice
- Building Words and Vocabulary
- Cross-Curricular Activities
- Technology

Assessments: Weekly and unit assessments will be given to check the progress of each student. These will be done in a couple of different ways:

- Paper/pencil
- On-line

Data collected from these assessments:

- Listening Comprehension
- Vocabulary Strategies
- Reading Comprehension
- Text Features and Study Skills
- Grammar, Mechanics, and Usage
- Literary Elements
- Writing



Reading/Language Arts Continued:

Grammar, Mechanics, and Usage:

Students will be presented with a new concept each week. They will have daily assignments with an assessment at the end of the week. Macmillan/McGraw Hill incorporates the following concepts into the curriculum:

- Sentence Structure
- Sentence Concepts
 - Question, statement, command, exclamation
- Nouns
- Verbs
- Pronouns
- Adjectives
- Adverbs
- Subject/Predicate
- Contractions
- Conjunctions
- Prepositions
- Capitalization
- Punctuation
- Antecedents
- Homophones



Ms. Olson

Six Traits to Writing: Another component in the series is the daily exposure to writing. They will either work as a large group or at a workstation. The six traits consists of:

- Conventions/Mechanics
- Ideas and Content
- Organization
- Sentence Fluency
- Voice
- Word Choice

Spelling: This will be presented in the same fashion as grammar. They will have daily assignments with an assessment at the end of the week. Concepts:

- Short/Long Vowels
- Digraphs, Blends, Consonant Clusters
- Double Consonants
- Schwa Words
- Hard/Soft Letters
- Inflectional Endings
- Compound Words
- Prefixes/Suffixes
- Root/Base Words
- Syllables
- Greek/Latin Roots
- Mythology
- Spelling Patterns/Word Families

Word Study Steps:

6. LOOK at the word.
7. SAY the word aloud.
8. STUDY the letters in the word.
9. WRITE the word.
10. CHECK the word. Did you spell it right?

If not....go back to step 1.

HEALTH:

THE GREAT BODY WORKSHOP

(chapters listed below)

FIRST AID FACTS

BRAINSTORMS: YOUR CENTRAL NERVOUS
SYSTEM

YOU ARE WHAT YOU EAT

LOVE YOUR LUNGS!

THOSE CRAZY, MIXED UP EMOTIONS...

GROWING UP

DANGER AHEAD: THE TRUTH ABOUT DRUGS
ABOUT BLOOD AND AIDS

ALL THE RIGHT STUFF

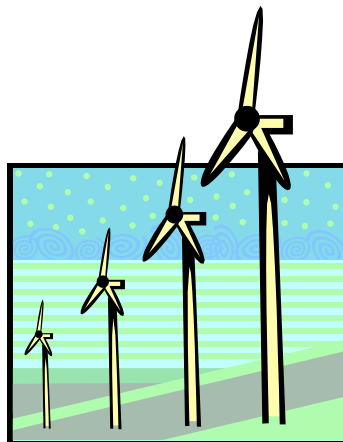
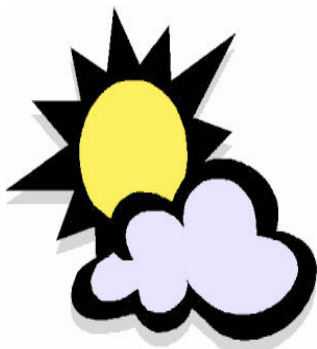
BONES AND MUSCLES: ON THE MOVE



5th Grade Science

Our 5th grade curriculum is designed to meet the 5th grade state standards in science. The following is a summary of information that will be covered this year in science:

1. Students will understand the correct process of completing an experiment and communicate knowledge, methods, and findings from a scientific investigation.
2. Students will investigate the use of simple machines, such as levers, inclined planes, and wheels and axles.
3. Students will study erosion, properties of soil, and the impact of natural disasters.
4. Students will study animal adaptation, extinction of species, and the structure of fossils.
5. Students will use food webs to understand producers, consumers, and decomposers in a Minnesota ecosystem.
6. Students will learn about energy from the sun, and that organisms need energy to stay alive and grow.





SOCIAL STUDIES

AMERICAN HISTORY:

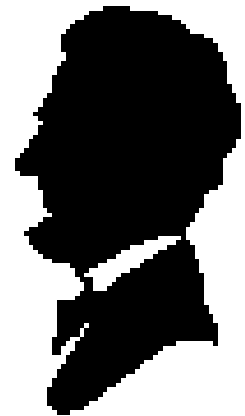
- *NATIVE AMERICANS
- *EARLY EXPLORERS AND SETTLERS
- *BECOMING A FREE NATION: ENGLISH COLONIES
- *AMERICAN REVOLUTION
- *IMPORTANT EARLY DOCUMENTS:
 - DECLARATION OF INDEPENDENCE
 - CONSTITUTION
 - BILL OF RIGHTS
- *PRESIDENTS:
 - PAST AND PRESENT
 - QUALIFICATIONS
 - DUTIES

INTERNET:

- *ACCESS AND USE
- *RESOURCE EXPLORATION

WEATHER:

- *TORNADOS
- *LIGHTENING



Title I



Title I is a federally funded program designed to help students who function at a different pace in the areas of reading, math, spelling or language. Students receive help from the Title I aides on a one-to-one basis or in small groups. Some children may also be using a computer program called SuccessMaker. The help they receive is supplemental to their classroom work, and is designed to fit students' needs in any particular area in which they show a weakness.

Students enter the Title I program through classroom teacher recommendation and as a result of multiple test score results.



Elementary Special Education

The elementary special education program is designed to serve students who qualify for special individual instruction after a thorough evaluation process. An I.E.P. (Individual Education Plan) is written for each student. This plan consists of goals and objectives in the areas of oral expression, math reasoning, math calculation, listening comprehension, reading comprehension, basic reading skills, or written expression. Instruction is provided at the student's current level of functioning in the least restrictive environment, individually or in small groups. Mrs. Carol Manselle and Mrs. Jackie Bolstad are our elementary special education teachers. Mr. Dave Atkinson serves as our E.B.D. instructor and works with students needing special assistance with behaviors in relation to their education.

PHYSICAL EDUCATION

Low organized games provide play in which skills, values, and attitudes are reviewed. Socialization, cooperation, and sportsmanship opportunities are presented. Qualified P.E. personnel can teach appropriate types of games to control desirable learner outcomes.

The Elementary Physical Education curriculum strives to be a dynamic, varied and developmentally sound program that allows instructions and practice time in all of the fundamental motor skills., These include: running, skipping, throwing, and/or athletic skills. These skills are practiced through lessons in low organized games, rhythmic activities, (including dance) and ball handling. The physical education program also included physical fitness for 3rd, 4th, 5th, and 6th graders.

Ball handling skills are usually in the form of challenge “I can...” activities. A developmentally sound progression from kindergarten through the 4th grade covers all ball skills; from rolling up to throwing at specific targets; from stationary balls to punting for distance.

Rhythms provides self-expression, creative problem solving, and movement exploration. Locomotor and non-locomotor movements to time and music is explored. Traditional folk dance is also taught.

Mrs. Kirsten Wessel and Mr. Steve Chrstians are the Elementary Physical Education teacher.



MUSIC



The Music curriculum strives to help all students discover the pace of music in their individual life. They learn the many elements of music, including rhythm, melody, harmony, tone, color, tempo, dynamics, and form. These are studied through the use of vocal, instrumental, and listening activities. Personal growth and self-confidence are built with the preparation and presentation of public performances. In the 5th and 6th grades band and instrument lessons are also offered to interested students.

Ms. Carmen Silbernick and Mr. Randy Resley are our music teachers. Mr. Resley is also our band director.