

DULUTH PUBLIC SCHOOLS GRADE KG REPORT CARD 2014-2015

Student: _____
 School: _____
 Teacher: _____

ATTENDANCE				
Term	Q1	Q2	Q3	Q4
Days Present	45	14	0	0
Days Absent	2.0	0	0	0
Periods Tardy	0	0	0	0

Academic Performance Level for Standards k-5	
Name	Score
Exemplary	4
Succeeding	3
Developing	2
Limited	1
No Mark	NM

	Term			
	Q1	Q2	Q3	Q4
Reads and comprehends emergent reader texts				
Identifies Lowercase Letters				
Identifies Uppercase Letters				
Produces Letter Sounds				
Recognizes High Frequency Words				
Writing				
Prints Letters Legibly				
Language Communication				
Follows Basic Directions				

	Term			
	Q1	Q2	Q3	Q4
Number: Whole Number Counting & Representation				
Algebra: Patterns				
Geometry: Shapes				

	Term			
	Q1	Q2	Q3	Q4
Geometry: Measurement Problem Solving				

	Term			
	Q1	Q2	Q3	Q4
The Practice of Science				
The Practice of Science and Engineering				
Physical Science - Describing Matter				
Interdependence Within the Earth System				
Structure and Function in Living Systems				
Interdependence Within Living Systems				

	Term			
	Q1	Q2	Q3	Q4
Communicates Knowledge to Achieve and Maintain Health				
Expresses and Uses Responsible Personal and Social Behaviors				
Understands Safety and Environmental Health Issues				

	Term			
	Q1	Q2	Q3	Q4
Civil Skills and Processes				
Economic Reasoning and Concepts				
Geography and Geospatial Skills				
Historical Thinking Skills				
People, Cultures and Change				

	Term			
	Q1	Q2	Q3	Q4
Creating				
Performing, Presenting, and Producing				
Responding				

	Term			
	Q1	Q2	Q3	Q4
Motor Skills and Movement Patterns				
Movement Concepts				
Physical Fitness/ Physical Activity				

	Term			
	Q1	Q2	Q3	Q4
Creating				
Presenting/Producing				
Responding				
Connecting				

	Term			
	Q1	Q2	Q3	Q4
Works Cooperatively				
Seeks or Provides Help When Appropriate				
Completes Daily Work and Homework				
Participates in a Variety of Homeroom Settings				
ART Participates and Applies Effort in Art Settings				
MUSIC Participates and Applies Effort in Music Settings				
PHY ED Participates and Applies Effort in Phy Ed Settings				

Teacher Signature _____

Parent Signature _____

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(K)

Physical Education

Motor Skills and Movement Patterns

- try to walk, hop, gallop, run, jump, sidestep, skip, balance, roll, curl, stretch.
- try to throw, catch, hand dribble, kick, volley and strike.
- try to show how to use a jump rope, ball, beanbag or scooter.

Movement Concepts

- move in one's own personal space.
- move forward, backwards or sideways at different speeds.

Physical Fitness

- participate actively in physical education class.
- state the need to exercise everyday and a way exercise helps one's body.
- play a game without needing a rest break.

Personal and Social Behavior

- learn and play games.
- follow directions when the teacher asks.
- move safely in the gym and outside.
- share and take turns.

Health

Communicates Knowledge to Achieve and Maintain Health

- describe how to keep healthy and safe.
- describe how family influences one's health.
- explain how information and use of time influences health.
- demonstrate how to locate school and community health helpers.

Expresses and Uses Responsible Personal and Social Behaviors

- show healthy ways to express needs, wants, and feelings.
- identify skills for problem solving and decision making.
- identify responsible health behaviors.

Understands Safety and Environmental Health Issues

- identify safe behaviors at home, in school, and in the community.

Music

- sing a variety of songs from memory while learning to match pitches.
- use the voice in a variety of ways including singing, speaking, whispering, and calling.
- play pitched and unpitched instruments using a steady beat.
- read symbols representing beats of sounds and silence.
- move to show awareness of loud/quiet, high/low, and fast/slow.
- learn how to be personally responsible for the success of a group activity.

Visual Arts

Creating

- Develop basic skills/motor control, along with the care and use of a variety of media and tools
- Practice seeing and using the elements of art with a variety of materials.

Performing, Presenting, Producing

- Select and title works of art and design for particular reasons or purposes.

Responding

- explore works of art and design from a variety of historical periods and cultures.

Connecting

- Recognizes visual and media art and design in their life.

ISD
709
Duluth
Public Schools

Kindergarten

Curriculum Guide

Welcome to ISD 709 Duluth Schools

As a community, we believe: Every student is unique with the potential to learn and achieve personal success. All children have the right to a quality education, delivered by highly qualified educators. A wide range of educational opportunities will lead to lifelong learners and productive global citizens. Including all voices in our community—inside and outside our schools, all ages and backgrounds—makes our schools strong and successful. Schools serve the entire community as places where neighborhoods and families find support, and people of all ages may access learning opportunities. It's important to maximize available resources and identify innovative ways to attain the resources needed to further support education.

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Your Kindergarten student will:

English Language Arts

Reading Comprehension

- ask and answer questions about a story.
- write, draw, and say what happened in a story.
- engage in a variety of reading activities.

Foundational Skills

- learn the names of uppercase and lowercase letters.
- blend and separate the sounds in words.
- change the sounds of a word to make a new word.
- make the sounds of letters.
- read many high frequency words.

Writing

- write, draw and say what happened to tell a story.
- print many uppercase and lowercase letters.
- write words using familiar letter sounds.

Speaking, Listening, Viewing, and Media Literacy

- follow basic directions.
- identify and recognize signs, logos, commercials, and advertisements.

Language

- expand vocabulary knowledge.

Mathematics

Numbers: Whole Number Counting and Representation

- count forward and backward by 1s to at least 20.
- read, write and represent numbers to at least 31.
- count objects in a set.
- compare and order numbers from 0 to 20.
- use objects or drawings to add and subtract numbers.

Patterns

- recognize, create, and complete patterns.

Shapes

- recognize and sort basic two- and three-dimensional shapes.

Measurement

- compare and order objects by length, size, weight and position.

Problem Solving

- use math talk to explain thinking.
- use problem solving strategies.

Science

Practice of Science and Engineering

- use senses to make observations.
- talk about and describe observations.
- compare observations with the observations of others.

Physical Science

- sort into groups living and nonliving objects and explain the reasoning for sorting.

Living Systems

- identify and name the outside parts of plants, animals and people.

Earth Systems

- observe and record daily weather events over time.
- observe and describe changes in weather.
- describe what happens in nature when the seasons change.
- observe and record that the sun is found in different places in the sky at different times of the day.
- tell where the earth gets heat and light.

Social Studies

Civics Skills and Processes

- demonstrate skills that reflect an understanding of civic values.
- describe symbols, songs and traditions that identify our nation and state.
- identify school rules explain why it is beneficial to follow them
- identify consequences for breaking rules.

Economic Reasoning and Concepts

- distinguish between needs and wants and goods and services
- identify goods and services that could satisfy a specific need or want.

Geography and Geospatial Skills

- describe spatial information depicted in simple drawings and pictures.
- describe a map and a globe as a representation of a space.
- identify the physical and human characteristics of places, including real and imagined places.

Historical Thinking Skills

- use a variety of words to reference time in the past, present, and future.
- describe ways people learn about the past.

People, Cultures, and Change

- compare and contrast traditions in a family with those of other families, including those from diverse backgrounds.

DULUTH PUBLIC SCHOOLS GRADE 01 REPORT CARD 2014-2015

Student: _____
 School: _____
 Teacher: _____

ATTENDANCE				
Term	Q1	Q2	Q3	Q4
Days Present	47	14	0	0
Days Absent	0	0	0	0
Periods Tardy	0	0	0	0

Academic Performance Level for Standards k-5		Score
Name		
Exemplary		4
Succeeding		3
Developing		2
Limited		1
No Mark		NM

	Term			
	Q1	Q2	Q3	Q4
Reading Comprehension	3			
Independent Reading Level				
Reads 1st grade text with fluency				
Phonics				
Writing	3			
Communication	X			
Language				

	Term			
	Q1	Q2	Q3	Q4
Number: Counting & Representation				
Operations: Whole Number Addition/Subtraction				
Algebra: Patterns				
Algebra: Equations				
Geometry: Shapes				
Geometry: Measurement				
Problem Solving				

	Term			
	Q1	Q2	Q3	Q4
The Practice of Science				
Interactions Among STEM and Society				
Earth Structure and Processes				
Structure and Function in Living Systems				
Interdependence Among Living Systems				
Adaptation in Living Systems				

	Term			
	Q1	Q2	Q3	Q4
Communicates Knowledge to Achieve and Maintain Health				
Expresses and Uses Responsible Personal and Social Behaviors				
Understands Safety and Environmental Health Issues				

	Term			
	Q1	Q2	Q3	Q4
Civics Skills and Processes				
Economic Reasoning and Concepts				
Geography and Geospatial Skills				
Historical Thinking Skills				
People, Cultures and Change				

	Term			
	Q1	Q2	Q3	Q4
Creating				
Improvises or Composes Musical Ideas Using Voice or Instrument				
Performing, Presenting, and Producing				
Responding				

	Term			
	Q1	Q2	Q3	Q4
Motor Skills and Movement Patterns				

	Term			
	Q1	Q2	Q3	Q4
Movement Concepts				
Physical Fitness and Physical Activity				

	Term			
	Q1	Q2	Q3	Q4
Creating				
Presenting/Producing				
Responding				
Connecting				

1ST GRADE CHARACTERISTICS OF SUCCESSFUL LEARNERS

	Term			
	Q1	Q2	Q3	Q4
Works Cooperatively				
Seeks or Provides Help When Appropriate				
Completes Daily Work and Homework				
Participates in a Variety of Homeroom Settings				
ART Participates and Applies Effort in Art Settings				
MUSIC Participates and Applies Effort in Music Settings				
PHY ED Participates and Applies Effort in Phy Ed Settings				

Teacher Signature _____

Parent Signature _____

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First Grade

Curriculum Guide

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Physical Education

Your First Grade student will:

Demonstrate Motor Skills and Movement Patterns

- jog, hop, gallop, sidestep and throw underhand.
- try to skip, leap, jump, balance, roll, curl, stretch, twist and bend.
- try to throw overhand, catch, hand dribble, foot dribble, kick, volley and strike.
- jump rope forward, backward and jump a long rope turned by the teacher.

Movement Concepts

- move in one's own personal space to a rhythm.
- move over, under, around and through.
- move at a slow speed, fast speed, use light force and strong force.

Physical Fitness and Physical Activity

- participate actively in physical education class.
- explain why exercise is needed every day and why the heart grows stronger with exercise.
- recognize healthy and unhealthy foods.

Personal and Social Behavior

- use the equipment appropriately and follow rules.
- practice skills in small and large groups.
- follow directions without reminders and accept suggestions to improve my skills.

Health

Your First Grade student will:

Communicates Knowledge to Achieve and Maintain Health

- understand common health issues in children.
- identify childhood injuries and illnesses.
- explain how information from a variety of sources influences health.
- locate resources that provide reliable health information.

Expresses and Uses Responsible Personal and Social Behaviors

- describe characteristics needed to be a responsible friend and family member.
- identify ways to communicate care, consideration, respect of self and others.
- recognize outcomes of positive health decisions.

Understands Safety and Environmental Health Issues

- demonstrate ways to avoid and reduce threatening situations.
- describe a variety of methods to convey accurate health information and ideas.

Music

Your First Grade student will:

- sing a variety of songs from memory while learning to match pitches.
- use the voice in a variety of ways including singing, speaking, whispering, and calling.
- play pitched and unpitched instruments using a steady beat.
- improvise and play accompaniments.
- read music symbols representing beats of sound and silence.
- move to show awareness of loud/quiet, high/low, and fast/slow.
- learn how to be personally responsible for the success of a group activity.

Visual Arts

Your First Grade student will:

Creating

- develop an art vocabulary to understand color groups, color mixing, and uses of line, shape, and texture in works of art and design, including their own.
- understand placement and proportion of objects.

Presenting and Producing

- select and present work based on a theme.

Responding

- explore similarities and differences in their own artwork and that of others.

Connecting

- identify how works of art and design can communicate ideas.

English Language Arts

Your First Grade student will:

Reading Comprehension

- ask and answer questions about books.
- identify the narrator of a story.
- explain the differences in books that provide information and books that tell stories.
- use illustrations and details in a story to describe the characters, setting, and events.
- make connections among events and ideas in books.

Writing

- write to inform, persuade, and tell stories.

Foundational Skills

- demonstrate understanding of the sounds of letters and how they work together to form words.
- write all uppercase and lowercase letters.
- Read grade 1 texts fluently

Speaking, Listening, Viewing, and Media Literacy

- use digital tools.
- participate in conversations with classmates about topics and books.
- understand headings, tables of contents, glossaries, and electronic menus.

Language

- punctuate sentences.
- determine or clarify the meaning of unknown words.
- use words learned through reading.

Mathematics

Your First Grade student will:

Numbers: Whole Number Counting, Representation, and Operations

- count forward and backward from any given number up to 120.
- read, write and represent numbers up to 120.
- describe numbers between 10 and 100 using place values (tens and ones).
- compare and order whole numbers up to 120.

Patterns

- use rules to describe patterns.

Equations

- model and solve addition and subtraction problems and identify the missing number in an equation.

Shapes

- describe characteristics of 2- and 3-D objects by the number of vertices, (corners) and sides or edges.

Measurement

- tell time to the half hour.
- identify pennies, nickels, and dimes.

Problem Solving

- use math talk to communicate and explain thinking.
- use problem solving strategies.

Science

Your First Grade student will:

Practice of Science and Engineering

- explain how engineered products and design services impact our natural world.
- plan how to solve a problem using the engineering design process.
- test and evaluate engineering design solutions and communicate results.
- describe how one invention leads to new inventions.
- generate scientific questions and provide evidence to support claims.
- record and explain observations and procedures.
- construct explanations based on evidence.
- explain one's thinking through drawing, writing and/or discussions.
- use tools to gather information and to solve problems.
- compare one's own observations with those of others.

Earth Structure and Processes

- identify and sort rocks by properties and explain one's reasons for sorting.
- describe and compare different types of earth materials and use tools to sort them.
- describe objects made of earth materials.

Living Systems

- identify the needs of animals.
- describe the changes that take place in an animal's life cycle.
- explain that if part of a living system is missing it may not function correctly.
- explain how an animal habitat provide for its basic needs.

Social Studies

Your First Grade student will:

Civics Skills and Processes

- explain how citizens participate in their community.
- explain the Pledge of Allegiance and flag etiquette.
- identify the president of the United States.
- explain how effective rules are made.

Economic Reasoning and Concepts

- describe costs and benefits of choices.
- explain scarcity.
- explain the purpose of trade.

Geography and Geospatial Skills

- sketch maps to show familiar places and describe information found on maps.
- use relative and absolute location to locate a place.
- compare two places on a globe or map.

Historical Thinking Skills

- create a timeline of one's own life.
- ask basic historical questions.

People, Cultures, and Change

- describe daily life in the past based on records or evidence.
- compare family life of the past to today.
- compare buildings and technology of the past to today.

DULUTH PUBLIC SCHOOLS GRADE 02 REPORT CARD 2014-2015

Student: _____
 School: _____
 Teacher: _____

ATTENDANCE				
Term	Q1	Q2	Q3	Q4
Days Present	46.8	14	0	0
Days Absent	0.25	0	0	0
Periods Tardy	1	0	0	0

Academic Performance Level for Standards k-5	
Name	Score
Exemplary	4
Succeeding	3
Developing	2
Limited	1
No Mark	NM

	Term			
	Q1	Q2	Q3	Q4
Reading Comprehension				
Independent Reading Level				
Reading Fluency				
Writing				
Communication				
Language				

	Term			
	Q1	Q2	Q3	Q4
Number: Whole Number Counting & Representation	3			
<i>Term 1 Comments: What up dude?</i>				
Operations: Whole Number Addition/Subtraction				
Algebra: Patterns				
Algebra: Equations				
Geometry: Shapes				
Geometry: Measurement				
Problem Solving				

	Term			
	Q1	Q2	Q3	Q4
The Practice of Science				
The Practice of Engineering				
Physical Science - Describing Matter and Motion				
Interdependence Within the Earth System				
Structure and Function in Living Systems				
Interdependence Among Living Systems				
Adaptation in Living Systems				

	Term			
	Q1	Q2	Q3	Q4
Communicates Knowledge to Achieve and Maintain Health				

	Term			
	Q1	Q2	Q3	Q4
Civics Skills an Processes				
Economic Reasoning and Concepts				
Geography and Geospatial Skills				
Historical Thinking Skills				
People, Cultures and Change				

	Term			
	Q1	Q2	Q3	Q4
Creating				
Performing, Presenting, and Producing				
Responding				
Connecting				

	Term			
	Q1	Q2	Q3	Q4
Motor Skills and Movement Patterns				
Movement Concepts				

	Term			
	Q1	Q2	Q3	Q4
Physical Fitness and Physical Activity				

	Term			
	Q1	Q2	Q3	Q4
Creating				
Presenting/Producing				
Responding				
Connecting				

2ND GRADE CHARACTERISTICS OF SUCCESSFUL LEARNERS

	Term			
	Q1	Q2	Q3	Q4
Works Cooperatively				
Seeks or Provides Help When Appropriate				
Completes Daily Work and Homework				
Participates in a Variety of Homeroom Settings				
ART Participates and Applies Effort in Art Settings				
MUSIC Participates and Applies Effort in Music Settings				
PHY ED Participates and Applies Effort in Music Settings				

Teacher Signature _____

Parent Signature _____

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ISD 709 Duluth Public Schools

Second Grade Curriculum Guide

Welcome to ISD 709 Duluth Schools

As a community, we believe: Every student is unique with the potential to learn and achieve personal success. All children have the right to a quality education, delivered by highly qualified educators. A wide range of educational opportunities will lead to lifelong learners and productive global citizens. Including all voices in our community —inside and outside our schools, all ages and backgrounds — makes our schools strong and successful. Schools serve the entire community as places where neighborhoods and families find support, and people of all ages may access learning opportunities. It's important to maximize available resources and identify innovative ways to attain the resources needed to further support education.

2

Physical Education

Your Second Grade student will:

Motor Skills and Movement Patterns

- run, skip, twist, bend, curl and stretch.
- throw overhand, catch, dribble, kick, volley, strike a ball.
- jump rope continuously and jump a long rope turned by classmates.

Movement Concepts

- move to a rhythm.
- move using different shapes, pathways and levels during games and dance.

Physical Fitness and Physical Activity

- pace one's self during endurance activities.
- participate actively in physical education class.
- describe activities that make one's heart stronger, and the body stronger and more flexible.

Personal and Social Behavior

- follow directions and rules myself.
- use the equipment safely.
- practice skills with a partner.
- accept suggestions to improve skills.
- be a good sport and team member.

Health

Your Second Grade student will:

Communicates Knowledge to Achieve and Maintain Health

- identify indicators of childhood mental, emotional, social, and physical health.
- explain how childhood injuries and illnesses can be prevented.
- explain how media influences thoughts, feelings, and health behaviors.
- explain how media influences the selection of health information.

Expresses and Uses Responsible Personal and Social Behaviors

- describe refusal skills to enhance health.
- differentiate between negative and positive behaviors used in a conflict situation.
- set a personal health goal and track progress towards achievement.

Understands Safety and Environmental Health Issues

- compare behaviors that are safe to those that are risky or harmful.
- develop injury prevention and self-management strategies for personal health.
- express information and opinions about health information and ideas.

Music

Your Second Grade student will:

- sing a variety of songs from different cultural and historical origins from memory.
- identify the elements of music including rhythm, form, dynamics, tone color.
- compare and contrast the characteristics of a variety of musical works or performances.
- reflect on a performance based on the feedback of others.
- play pitched and unpitched instruments using a steady beat.
- read, write, and play simple rhythm patterns using half notes, quarter notes, eighth notes and quarter rests.
- learn how to be personally responsible for the success of a group activity.

Visual Arts

Your Second Grade student will:

Creating

- recognize and connect art vocabulary through different mediums and processes.
- develop an awareness of symmetry.
- identify and create beginning principles of design (pattern, movement, contrast...)

Presenting and Producing

- find and create theme and narrative in works of visual and media arts.

Responding

- critique and discuss works of art and design, including their own.

Connecting

- use information to plan, create, and communicate an idea.

English Language Arts

Your Second Grade student will:

Reading Comprehension

- understand key details when reading books.
- read stories, fables, and folktales from diverse cultures.
- describe how characters respond to major events and challenges in texts.
- compare and contrast different versions of the same story.
- read for personal enjoyment, interest, and academic tasks.
- know and use text features like captions, bold print, subheadings, indexes, and icons to locate information.
- explain how images contribute to the meaning of texts.

Foundational Skills

- distinguish long and short vowels and how they are spelled.
- read second grade texts accurately and fluently to support understanding.

Writing

- write to inform, persuade, and tell stories.
 - work with others to research interesting topics.
- Speaking, Listening, Viewing, and Media Literacy*
- create audio recordings and visual displays.

Language

- write compound sentences.
- use capitalization, contractions, and possessives.
- determine or clarify the meaning of unknown and multiple-meaning words.

Mathematics

Your Second Grade student will:

Numbers: Whole Number Counting and Representation

- read, write, and represent whole numbers up to 1,000.
- compare and order numbers up to 1,000.
- master basic addition and subtraction facts.
- add and subtract two-digit numbers.
- find unknowns in number sentences.

Patterns

- describe simple number patterns and use patterns to solve problems.

Shapes

- classify and compare basic shapes according to faces, sides, edges, and corners.
- name basic two- and three-dimensional shapes.

Measurement

- use a ruler to measure length in inches or centimeters.
- understand that the number of units required to measure length is determined by the size of the unit.
- tell time to the quarter hour.
- make combinations of coins to reach a desired value.

Problem Solving

- use math talk to communicate and explain thinking.
- use problem solving strategies.

Science

Your Second Grade student will:

Practice of Science and Engineering

- describe and solve problems through trial and error.
- explore materials constructively during free exploration.
- design and make an object to solve the problem.

Physical Science

- investigate concepts of balance, counterweight, stability and motion.
- construct and observe objects that balance, spin and roll.
- describe why some materials are better than others for a project.
- explain how man-made tools help people.
- describe how push and pull forces can make objects move.
- describe how gravity affects constructed objects.
- tell about an object's properties including: color, size, shape, weight, and texture, flexibility, and strength.

Living Systems

- make questions and find answers through careful observation of nature.
- describe and sort plants according to their characteristics.
- recognize the needs of plants and describe the life cycle of a plant.

Earth Systems

- explain how water can be a solid or a liquid.
- measure the weather using common tools, record my observations and describe weather conditions.

Social Studies

Your Second Grade student will:

Civics Skills and Processes

- explain importance of voting and the importance of constitutions.
- compare rights and responsibilities at school and at home.

Economic Reasoning and Concepts

- demonstrate how to set a goal and why goals are important.
- explain the trade-offs in a decision.
- classify resources as natural, capital, or human resources.
- explain the uses of money.

Geography and Geospatial Skills

- sketch maps to show familiar places and describe information found on maps.
- locate features on a map or globe and use cardinal directions to do so.
- use maps, photos, and other tools to identify landmarks or physical features of the United States.
- use tools to answer basic questions about where people are located.
- identify causes and effects of the interaction between humans and the environment.

Historical Thinking Skills

- use and create calendars and timelines to chronicle events.
- use historical records and artifacts to describe how life has changed over time.

People, Cultures, and Change

- compare and contrast daily life for Minnesota Dakota or Anishinaabe peoples in different times.
- describe how the culture of a community reflects the history, daily life, and beliefs of its people.

DULUTH PUBLIC SCHOOLS GRADE 03 REPORT CARD 2014-2015

Student: _____
 School: _____
 Teacher: _____

ATTENDANCE				
Term	Q1	Q2	Q3	Q4
Days Present	47	14	0	0
Days Absent	0	0	0	0
Periods Tardy	0	0	0	0

Academic Performance Level for Standards k-5		Score
Name		4
Exemplary		3
Succeeding		2
Limited		1
No Mark		NM

	3RD GRADE ENGLISH LANGUAGE ARTS			
	Term			
	Q1	Q2	Q3	Q4
Reading Comprehension				
Fluency				
Writing				
Communication				
Language				

	3RD GRADE MATHEMATICS			
	Term			
	Q1	Q2	Q3	Q4
Number: Whole Number Counting & Representation				
Operations: Whole Number Addition/Subtraction				
Number: Fraction & Decimal Representation & Relationships				
Patterns				
Equations				
Geometry: Shapes				
Geometry: Measurement				
Data Analysis				

	3RD GRADE MATHEMATICS			
	Term			
	Q1	Q2	Q3	Q4
Problem Solving				

	3RD GRADE SCIENCE			
	Term			
	Q1	Q2	Q3	Q4
The Practice of Science				
Interactions Among STEM and Society				
Physical Science - Describing Energy				
Describing the Universe				
Structure and Function in Living Systems				
Adaptation in Living Systems				

	3RD GRADE HEALTH			
	Term			
	Q1	Q2	Q3	Q4
Communicates Knowledge to Achieve and Maintain Health				
Expresses and Uses Responsible Personal and Social Behaviors				
Understands Safety and Environmental Health Issues				

	3RD GRADE SOCIAL STUDIES			
	Term			
	Q1	Q2	Q3	Q4
Civics Skills and Processes				
Economic Reasoning and Concepts				
Geography and Geospatial Skills				
Historical Thinking Skills				
People, Cultures and Change				

	3RD GRADE MUSIC			
	Term			
	Q1	Q2	Q3	Q4
Creating				
Performing, Presenting, and Producing				
Connecting				
Responding				

	3RD GRADE ART VISUAL AND MEDIA			
	Term			
	Q1	Q2	Q3	Q4
Creating				
Presenting/Producing				
Responding				
Connecting				

	3RD GRADE CHARACTERISTICS OF SUCCESSFUL LEARNERS			
	Term			
	Q1	Q2	Q3	Q4
Works Cooperatively				
Seeks or Provides Help When Appropriate				
Completes Daily Work and Homework				
Participates in a Variety of Homeroom Settings				
ART Participates and Applies Effort in Music Settings				
MUSIC Participates and Applies Effort in Music Settings				

Teacher Signature _____

Parent Signature _____

DRAFT

3

Physical Education

Your Third Grade student will:

- Demonstrates Motor Skills and Movement Patterns
- balance, transfer weight, leap, jump and land.
- throw overhand, catch, hand dribble, foot dribble, dribble with an implement, kick, volley and strike.
- perform a variety of tricks with a short or long jump rope.

Movement Concepts

- step to a rhythm.
- move at different speeds during games and dance.
- try to pace oneself during endurance activities.
- apply strategies in tagging and fleeing activities.

Physical Fitness and Physical Activity

- participate actively in physical education class.
- describe fitness concepts.
- demonstrate fitness components.
- identify foods that benefit my physical activities.

Personal and Social Behavior

- take responsibility for my actions.
- practice my skills independently and cooperate with classmates.
- apply suggestions to improve my skills.
- be a good sport and team member.

Health

Your Second Grade student will:

Communicates Knowledge to Achieve and Maintain Health

- describe how physical, social, and emotional environments influence health.
- describe how culture influences personal health behaviors.
- explain how media influences the selection of health information, products, and services.

Expresses and Uses Responsible Personal and Social Behaviors

- distinguishes between verbal and non-verbal communication.
- identify attentive listening skills to build and maintain healthy relationships.
- explain when to ask for assistance in making health-related decisions and setting health goals.

Understands Safety and Environmental Health Issues

- compare behaviors that are safe to those that are risky or harmful.
- demonstrate strategies to improve or maintain personal health.
- identify community agencies that advocate for health individuals, families, and communities.

Music

Your Third Grade student will:

- sing and play a variety of songs with accurate pitch, rhythm, and expressive intent.
- identify the elements of music including harmony, melody, and texture.
- read and notate music using a system of notation, such as solfege, numbers, or symbols.
- revise a creation based on the feedback of others.
- sing or play a varied repertoire that includes simple rhythms and melodies.
- sing songs with simple harmony.
- learn how to be personally responsible for the success of a group activity.

Visual Arts

Your Third Grade student will:

- *Creating*
- create illusions of space using placement (foreground, middle, background)
- identify and articulate how positive and negative space and shapes work together
- *Presenting and Producing*
- choose media and tools for a desired effect.
- *Responding*
- identify and use themes or narratives in works of art and design.
- apply rules for critique.
- *Connecting*
- search for and solve media and design problems.

ISD
709
Duluth
Public Schools

Third Grade

Curriculum Guide

Welcome to ISD 709 Duluth Schools

As a community, we believe: Every student is unique with the potential to learn and achieve personal success. All children have the right to a quality education, delivered by highly qualified educators. A wide range of educational opportunities will lead to lifelong learners and productive global citizens. Including all voices in our community —inside and outside our schools, all ages and backgrounds — makes our schools strong and successful. Schools serve the entire community as places where neighborhoods and families find support, and people of all ages may access learning opportunities. It's important to maximize available resources and identify innovative ways to attain the resources needed to further

English Language Arts

Your Third Grade student will:

Reading Comprehension

- describe characters in a story and explain how their actions contribute to the events in the story.
- determine the meaning of figurative language such as similes.
- refer to the parts of stories, dramas, and poems using terms such as chapter, scene, and stanza.
- distinguish the point of view of the author from their own.
- describe the structure of a text (sequence of events, cause and effect).
- use search tools to locate relevant information.
- compare and contrast two texts on the same subject.
- read and write for personal enjoyment, interest, and academic tasks.

Writing

- write to inform, persuade, and tell stories.
- develop a process for writing by planning, drafting, revising, and editing.
- use technology to publish writing.

Foundational Skills

- read third grade texts accurately and fluently to support understanding.

Language

- explain the function of nouns, pronouns, verbs, adjectives and adverbs.
- produce complex sentences.
- understand the meaning of base words and affixes in order to determine the meaning of unknown words.

Mathematics

Your Third Grade student will:

Numbers: Whole Number Counting, Representation, and Operations

- compare and order whole numbers up to 100,000.
- use place value to describe numbers between 1,000 and 10,000.
- add and subtract multi-digit numbers efficiently.
- know multiplication facts.
- understand the concept of multiplication and division.

Fractions: Representation and Relationships

- order and compare fractions with the same denominator.
- use and apply rules involving addition, subtraction and multiplication.
- find unknowns in number sentences involving multiplication and division.

Patterns

Equations

Shapes

- use parallel and perpendicular lines to describe and create shapes.

Measurement

- tell time to the minute.
- measure to the nearest half unit (inch or centimeter).
- find the perimeter of a polygon or distance around an object.

Data Analysis

- collect, organize, display and interpret data with whole numbers.

Problem Solving

- understand and communicate mathematical ideas.
- use math talk to explain thinking.
- use problem solving strategies.

Science

Your Third Grade student will:

Practice of Science and Engineering

- provide evidence to support claims.
- generate questions that can be answered when scientific knowledge is combined with that gained from one's own observations or investigations.
- maintain a record of observations, procedures and explanations, distinguish between actual observations and ideas about what was observed.

Physical Science

- explain how high and low patterns are made in a system.
- describe the factors that affect the sound produced by vibrating objects.

Describing the Universe

- observe and record how the sun rises and sets in a predictable pattern.
- learn that Earth rotates on its axis, causing day and night.
- understand that the exact path the Sun takes in the sky varies by season.
- learn that Earth is one of several planets that orbit the Sun in the solar system and that the Moon orbits Earth.
- observe and record how the Moon changes in appearance or phase.
- learn how useful telescopes are in studying the solar system.
- learn that stars are suns positioned at great distances from Earth and form groups called constellations that appear to move together across the sky.

Life Systems

- compare how the different structures of plants and animals serve various functions of growth, survival and reproduction.
- identify common groups of plants and animals using observable physical characteristics, structures and behaviors.
- give examples of likenesses between adults and offspring in plants and animals.

Social Studies

Your Third Grade student will:

Civics Skills and Processes

- identify ways people make a difference in their communities, state, nation.
- explain the importance of civil communication and voting
- explain majority rule and minority rights.
- identify the branches of government, their functions, and services they provide.

Economic Reasoning and Concepts

- identify possible short- and long-term consequences of choices.
- describe income, expenditures as money to buy goods and services.
- describe the resources needed to produce a specific good or service.
- explain that consumers and producers are both sellers and buyers.

Geography and Geospatial Skills

- use maps to describe the community, the state, the U.S. or the world.
- explain why human populations are unevenly distributed around the world.

Historical Thinking Skills

- create timelines of important events using decade, century, millennium.
- examine historical records to answer questions about events in history.
- compare and contrast two different accounts of an event.
- compare and contrast ways cultures express concepts of time and space.

People, Cultures, and Change

- explain how an invention of the past positively and negatively changed life.
- identify individuals or groups who have had an impact on world history.
- explain how the environment influenced the settlement of ancient peoples.
- compare and contrast daily life people living in ancient times.

DULUTH PUBLIC SCHOOLS GRADE 04 REPORT CARD 2014-2015

Student: _____
 School: _____
 Teacher: _____

vol _____

ATTENDANCE				
Term	Q1	Q2	Q3	Q4
Days Present	47	14	0	0
Days Absent	0	0	0	0
Periods Tardy	0	0	0	0

Academic Performance Level for Standards k-5		Score
Exemplary		4
Succeeding		3
Developing		2
Limited		1
No Mark		NM

	4TH GRADE ENGLISH LANGUAGE ARTS			
	Q1	Q2	Q3	Q4
Reading Comprehension				
Reading Fluency				
Writing				
Communication				
Language				

	4TH GRADE MATHEMATICS			
	Q1	Q2	Q3	Q4
Operations: Whole Number Multiplication Focus				
Number: Fraction & Decimals Representation & Relationships				
Algebra: Patterns				
Algebra: Equations				
Geometry: Shapes				
Geometry: Measurement				
Geometry: Congruency & Symmetries				
Data Analysis				

	4TH GRADE MATHEMATICS			
	Q1	Q2	Q3	Q4
Problem Solving				

	4TH GRADE SCIENCE			
	Q1	Q2	Q3	Q4
The Practice of Engineering				
Interactions Among STEM and Society				
Physical Science - Describing Matter and Energy				
Earth Structure and Processes				
Interdependence Within the Earth System				
Human Interactions with Earth Systems				
Human Interactions with Living Systems				

	4TH GRADE SOCIAL STUDIES			
	Q1	Q2	Q3	Q4
Civics and Government				
Economic Skills and Concepts				
Historical Thinking Skills				
Geospatial Skills				
Places and Regions				
Humans and the Environment				

	4TH GRADE MUSIC			
	Q1	Q2	Q3	Q4
Creating				
Performing, Presenting, and Producing				
Responding				
Connecting				

	4TH GRADE PHYSICAL EDUCATION			
	Q1	Q2	Q3	Q4
Motor Skills and Movement Patterns				
Movement Concepts				
Physical Fitness and Physical Activity				

	4TH GRADE ART VISUAL AND MEDIA			
	Q1	Q2	Q3	Q4
Creating				
Presenting/Producing				
Responding				
Connecting				

Teacher Signature _____

Parent Signature _____

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Physical Education

Your Fourth Grade student will:

- Demonstrates Motor Skills and Movement Patterns
- apply and combine skills into a variety of activities.
- move while dribbling, throwing, catching, volleying or striking.
- throw overhead at a target with accuracy.

Movement Concepts

- move to open spaces while practicing my skills.
- practice skills with a partner or small group.
- adjust one's speed and pace on one's own during endurance activities.
- hit towards a target and adjust the speed of an object using a racket or bat.
- apply offense and defense strategies.

Physical Fitness and Physical Activity

- participate actively in physical education class.
- list physical activities I can participate in outside of school.
- identify components of fitness and complete fitness assessments.
- discuss the importance of hydration during physical activities.

Personal and Social Behavior

- work on skills independently.
- use the equipment safely and follow the rules.
- listen to and accept feedback.
- accept peers of all skill levels and be a good sport and team member.

Health

Your Second Grade student will:

- *Communicates Knowledge to Achieve and Maintain Health*
- describe the basic structure and functions of the human body systems.
- compare the effects of positive and negative behavior on personal health.
- describe ways technology can influence personal health.
- Expresses and Uses Responsible Personal and Social Behaviors
- identify characteristics of valid health information, products and services.
- describe communication skills to build and maintain health relationships.
- demonstrate health ways to express needs, wants, and feelings.
- demonstrate the ability to apply a decision-making process to health issues.

Understands Safety and Environmental Health Issues

- identify health problems that should be treated and detected early.
- demonstrate skills to manage stress.
- demonstrate the ability to influence and support others in making positive choices.

Music

Your Fourth Grade student will:

- sing and play alone and in a group, demonstrating proper posture, breathing, technique, age appropriate tone quality and expressive intent.
- describe the elements of music including rhythm, melody, tone color, dynamics.
- identify the characteristics of a variety of genres and musical styles, such as march, folk, mariachi, and classical.
- read and notate music using the standard notation such as quarter, half, eighth- notes and rests; the lines and spaces of the treble clef; and time signatures.
- describe the cultural and historical traditions of music including the contributions of Minnesota American Indian tribes and communities.
- improvise rhythms, melodies, and accompaniments using voice or instruments to express a specific musical idea.
- justify personal interpretations and reactions to a variety of works or performances.
- learn how to be personally responsible for the success of a group activity.

Visual Arts

Your Fourth Grade student will:

- *Creating*
- recognize and use color systems, rhythm, harmony, and variety for specific effects.
- create emphasis in a work of visual or media art or design.
- utilize 3-D and in-the-round effects in works of visual or media arts.
- *Presenting and Producing*
- combine and create works of art of design on a specific theme.
- Responding
- analyze and evaluate in-process and completed work.
- *Connecting*
- find and interpret cultural and historic contributions of visual and media arts.



Fourth Grade Curriculum Guide

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English Language Arts

Your Fourth Grade student will:

Reading Comprehension

- refer to details and examples when explaining ideas about a text.
- determine the meaning of words and phrases that allude to characters found in mythology and other texts.
- explain the differences between poems, drama, and prose by referring to their structural elements.
- understand the difference between 1st and 3rd person point-of-view.
- compare and contrast the treatment of similar themes and topics in stories from different cultures.
- describe the overall structure of a text.
- interpret information presented visually and orally.
- explain how authors use reason and evidence to support a point.
- read and write for personal enjoyment, interest, and academic tasks.

Writing

- produce coherent writing appropriate to the task, audience, and purpose.
- use the technology to produce, publish writing, and collaborate with others.
- gather relevant information from print and digital sources, provide a list of sources, and avoid plagiarism.
- write to inform, persuade, and tell stories.

Language

- correctly use frequently confused word (such as: to, too, two).
- recognized and correct sentence fragments and run-on sentences.

Mathematics

Your Fourth Grade student will:

Operations: Whole Number

- understand place value
- multiply a number by 10, 100, 1000.
- use place value to describe decimals to the thousandths place.
- multiply multi-digit numbers.

Fractions: Representation and Relationships

- represent equivalent fractions.
- add and subtract fractions with like denominators.

Patterns

- use and apply rules involving addition, subtraction, multiplication and division.

Equations

- find unknowns in number sentences involving multiplication and division.

Shapes

- name, describe, classify and sketch polygons.
- compare and classify angles.
- understand and find areas.

Measurement

- collect, organize, display and interpret data over time.

Congruency and Symmetries

- understands and demonstrates concepts of congruency and symmetry.

Data Analysis

- understand and communicate mathematical ideas.
- use math talk to explain their thinking.
- use problem solving strategies.

Science

Your Fourth Grade student will:

The Practice of Engineering

- look at design solutions and describe how it is solved in everyday problems.
- test solutions to design challenges to see if they are effective.
- describe a situation in which one invention led to other inventions.

Physical Science

- describe how magnets repel or attract each other and metal objects.
- compare materials that are conductors and insulators of heat and electricity.
- identify several ways to generate heat energy.
- construct an electrical circuit.
- measure temperature, volume, weight length using appropriate tools and units.
- identify a solid, liquid, and gas based on their shape and volume.
- describe how temperature changes affect matter.
- describe how heat is transferred from warm to cool objects.

Earth Structure and Processes

- explain that rocks are either made of one mineral or mixture of minerals.
- list the physical properties of minerals.
- use a mineral identification key to identify a mineral based on observations of its physical properties.

Human Interactions with Earth and Living Systems

- describe the water cycle and how human behavior affects water supply.
- recognize how the body defends against germs.
- list examples of diseases that can be prevented by vaccinations.

Social Studies

Your Fourth Grade student will:

Civics Skills and Processes

- describe how people take action to influence a decision on an issue.
- describe tribal governments and some of the services they provide.
- identify the major roles and responsibilities of elected and appointed leaders.

Economics Reasoning and Concepts

- apply a reasoned decision-making process to make a choice.
- define the productivity of a resource and describe ways to increase it.
- explain markets and prices.

Historical Thinking Skills

- use maps to compare and contrast a region at different points in time.
- identify the origins of people of Duluth and create a timeline of their arrival.

Geospatial Skills

- create and use various kinds of maps and basic map elements.
- choose appropriate data from tools to answer geographic questions.

Places and Regions

- locate and identify the physical and human characteristics of places.
- name and locate states and territories, major cities and state capitols in the United States and neighboring countries.

Human and the Environment

- use data to analyze and explain the changing distribution of population.
- explain how geographic factors affect population distribution.
- explain how humans adapt to and modify the physical environment.
- describe how resources and population created different regions in the U.S. and Canada.

DULUTH PUBLIC SCHOOLS GRADE 05 REPORT CARD 2014-2015

Student: _____
 School: _____
 Teacher: J

ATTENDANCE				
Term	Q1	Q2	Q3	Q4
Days Present	47	14	0	0
Days Absent	0.0	0	0	0
Periods Tardy	1	0	0	0

Academic Performance Level for Standards k-5		Score
Name		
Exemplary	4	
Succeeding	3	
Developing	2	
Limited	1	
No Mark	NM	

	5TH GRADE ENGLISH LANGUAGE ARTS			
	Q1	Q2	Q3	Q4
Reading Comprehension				
Reading Fluency				
Writing				
Communication				
Language				

	5TH GRADE MATHEMATICS			
	Q1	Q2	Q3	Q4
Operations: Whole Number Division Focus	4			
Fraction & Decimals: Representation & Relationships				
Operations: Fraction and Decimals: Addition and Subtraction				
Algebra: Patterns				
Algebra: Equations & Inequalities				
Algebra: Expressions				
Geometry: Shapes				
Geometry: Measurement				

	5TH GRADE MATHEMATICS			
	Q1	Q2	Q3	Q4
DA: Data Analysis				
Problem Solving				

	5TH GRADE SCIENCE			
	Q1	Q2	Q3	Q4
The Practice of Science				
Interactions Among STEM and Society				
Earth Structure and Processes				
Physical Science - Describing Motion				
Human Interactions with Earth Systems				
Structure and Function in Living Systems				
Interdependence Among Living Systems				
Human Interactions with Living Systems				

	5TH GRADE HEALTH			
	Q1	Q2	Q3	Q4
Communicates Knowledge to Achieve and Maintain Health				
Expresses and Uses Responsible Personal and Social Behaviors				
Understands Safety and Environmental Health Issues				

	5TH GRADE SOCIAL STUDIES			
	Q1	Q2	Q3	Q4
People, Cultures, and Change				
Civic Skills and Processes				
Economic Reasoning and Concepts				
Geography and Geospatial Skills				
Historical Thinking Skills				
United State History				

	5TH GRADE MUSIC			
	Q1	Q2	Q3	Q4
Connecting				
Creating				
Performing, Presenting, and Producing				
Responding				

	5TH GRADE PHYSICAL EDUCATION			
	Q1	Q2	Q3	Q4
Motor Skills and Movement Patterns				
Movement Concepts				
Physical Fitness and Physical Activity				

	5TH GRADE ART VISUAL AND MEDIA			
	Q1	Q2	Q3	Q4
Creating				
Presenting/Producing				
Responding				
Connecting				

	5TH GRADE CHARACTERISTICS OF SUCCESSFUL LEARNERS			
	Q1	Q2	Q3	Q4
Works Cooperatively				
Seeks or Provides Help When Appropriate				
Completes Daily Work and Homework				
Participates in a Variety of Homeroom Settings				
ART Participates and Applies Effort in Art Settings				
MUSIC Participates and Applies Effort in Music Settings				
PHY ED Participates and Applies Effort in Phy Ed Settings				

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Physical Education

Demonstrates Motor Skills and Movement Patterns

- throw overhand, foot dribble and strike with a long implement.
- apply motor skills into a variety of activities.
- pace oneself during distance running.

Movement Concepts

- use a variety of movements in small groups, dance and games.
- apply motor skills and analyze situations in games.
- control the direction and force of an object during small group games.
- apply basic offensive and defensive strategies in practice tasks.

Physical Fitness and Physical Activity

- participate actively in physical education class.
- chart and analyze physical activity outside of school.
- identify the need for warm up and cool down.
- analyze the impact of one's food choices.

Personal and Social Behavior

- engage oneself appropriately in physical education activities.
- recognize and accept the variety of skill level of peers.
- give respectful feedback to peers.
- identify physical activities that the student enjoys.
- demonstrate one's best ability and be a good sport and team member.

Health

Communicates Knowledge to Achieve and Maintain Health

- explain how health is influenced by the interaction of body systems.
- describe how messages from the media influence health behaviors.
- describe characteristics of valid health information, products, and services.
- demonstrates the ability to locate health products and services.
- demonstrates healthy ways to express needs, wants, and feelings.

Expresses and Uses Responsible Personal and Social Behaviors

- describe communication skills to build and maintain health relationships.
- describe strategies and skills needed to attain personal health goals.

Understands Safety and Environmental Health Issues

- demonstrate ways to avoid and reduce threatening situations.
- describe responsible health behaviors.
- identify barriers to effective communication about health issues.
- demonstrate the ability to work cooperatively when advocating for healthy individuals and family.

Music

- sing and play alone and in a group demonstrating proper posture, breathing, technique, age appropriate tone quality and expressive intent.
- sing alone and in groups such as rounds and part songs or play instruments alone or in a group.
- describe the elements of music including harmony, texture, and form.
- describe how the elements and related concepts, such as pitch, tempo, canon, and ABA are used in the performance, creation or response to music.
- read and notate music using the standard notation such as quarter, half, and eighth notes and rests; the lines and spaces of the treble clef; and time signatures.
- describe how music communicates meaning.
- compose rhythms, melodies, and accompaniments using voice or instruments to express a specific musical idea.
- revise creative work and performance based on feedback of others and self-reflection.
- learn how to be personally responsible for the success of a group activity.

Visual Arts

Creating

- recognize unity in works of visual or media arts.
- plan and create unified compositions with art elements and principles.
- use a focal point.

Presenting and Producing

- plan and create unified compositions with art elements and principles.

Responding

- analyze, interpret, and explain artistic choices in works of visual or media arts or design.

Connecting

- problem-solve based on recall and feedback.

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ISD
Duluth
Public Schools

Fifth Grade

Curriculum Guide

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Your Fifth Grade student will:

English Language Arts

Reading Comprehension

- quote accurately from a text.
- describe how a narrator's or speaker's point of view influences how events are described.
- describe how visual and multimedia elements contribute to the meaning, tone, or beauty of a text.
- explain the relationship between individuals, events, ideas, and concepts found in informational texts.
- analyze multiple accounts by various cultures of the same event or topic.
- draw on information from multiple print or digital sources to locate an answer to a question or to solve problems.
- read and write for personal enjoyment, interest, and academic tasks.

Writing

- use technology, including the Internet, to produce and publish writing, and interact and collaborate with others.
- summarize information from a written text.
- report on a topic or text, sequencing ideas logically using appropriate facts and relevant details.
- avoid plagiarism by identifying sources.
- include multimedia components and visual displays in presentations.

Language

- use verb tense correctly.
- use reference materials to clarify the meanings of unknown words.

Mathematics

Operations: Whole Number

- divide multi-digit numbers, correctly interpret remainder.
- understand and use place value to describe millions to millionths.
- multiply multi-digit numbers.
- uses properties of arithmetic. (commutative, associative, and distributive).

Fractions: Representation and Relationships

- add and subtract decimals, fractions and mixed numbers.

Patterns

- use and apply rules involving patterns of change.

Equations

- understand and interpret equations and inequalities involving variables.

Shapes

- describe and classify three-dimensional figures (cube, prism, pyramid).

Measurement

- determine area of triangles and quadrilaterals.
- determine surface area and volume of rectangular prisms.

Congruency and Symmetry

Data Analysis

- display and interpret data.
- determine mean, median and range.
- understand and communicate mathematical ideas.
- use math talk to explain their thinking.
- use problem solving strategies.

Science

The Practice of Science and Engineering

- explain how models represent parts of the world and their limitations.
- generate a scientific question, plan, and conduct an experiment to answer the question; identify and collect evidence, make observations, take accurate measurements, and identify variables in a scientific investigation.
- use appropriate tools and techniques to gather, analyze and interpret data.

The Physical Science

- give examples of simple machines and demonstrate how they change the input forces and output motions.
- predict how an object will change movement based on differing surfaces, slopes, objects around it, and force on it.

The Earth Structure and Processes

- explain how forces from inside and on the Earth's surface and atmosphere change features of the Earth's surface.
- identify renewable and nonrenewable resources in Minnesota and describe how they are used.

Structure, Function and Interactions with Living Systems

- explain how specific plants and animals adapt to and survive in a natural system based on their structures and functions.
- describe a natural system in Minnesota and provide an example of relationships among its living and nonliving parts.
- explain the impact on an ecosystem if one of its parts were changed.
- give examples of beneficial and harmful human interaction with natural systems.

Social Studies

Civics Skills and Processes

- analyze a public problem in the school or community from multiple perspectives and create an action plan.
- explain the functions of government, protections given in the United States Constitution and Bill of Rights, and the importance of laws.

Economic Reading and Concepts

- describe various uses of income, the concept of profit and how it is calculated.

Geography and Geospatial Skills

- create and use various kinds of maps of the American colonies.
- explain how physical and human characteristics of the American colonies affected land use.

Historical Thinking Skills

- pose a question about history, examine resources, and draw conclusions.
- explain a historical event from multiple perspectives and give multiple causes and effects of historical events.

People, Cultures, and Change

- describe complex urban societies that existed in the Americas before 1500.
- identify various motivations of Europeans for exploration and settlement in Asia, Africa and the Americas.
- describe interactions between indigenous people, Europeans and Africans.
- compare and contrast life in the English, French, and Spanish colonies.
- describe ways people resisted slavery and created cultural identities.
- identify the major events, people and groups of the American Revolution.
- compare and contrast the impact of the Revolution on various groups.
- describe the major issues debated at the Constitutional Convention.