



9/07

## READING

- Make, confirm and/or revise predictions using more text, less pictures
- Question, discuss and respond to text
  - (1) self correct to make sense of text
  - (2) create mental pictures
  - (3) make connections based on personal experience, background knowledge; set reading purpose
- Use variety of strategies to unlock words (phonetic, meaning and grammar clues)
- Discuss with peers
- Read orally and silently with fluency
- Extend vocabulary (definitional/conceptual) (beginning figurative language: simile/metaphor, homographs/homophones, antonyms/synonyms)
- Respond critically
  - (1) analyze and evaluate using a variety of appropriate texts
  - (2) extend knowledge: retell orally or in written form reflecting story parts, making generalizations and personal connections, inference
  - (3) use knowledge: begin to make decisions, investigate, inquire, problem solve in response to story/information (teacher directed across curriculum)
- Read for a variety of purposes
  - (1) entertain: choose a variety of genres; self-select books to reflect interest/ability
  - (2) inform: locate and answer questions
  - (3) analyze: discover and examine characteristics of themes and/or genres; classify; compare based on criteria
  - (4) evaluate: make judgments about text based on personal experience/ knowledge and other texts or established criteria
  - (5) synthesize: draw together information from a variety of sources to expand knowledge
  - (6) develop study skills

GENRES: Poetry, Realistic fiction, Non-fiction

## WRITING

- Write for various purposes: fiction and nonfiction, informational piece, (main idea/details), persuasive piece with support, reflection
- Use writing process
  - (1) Brainstorm, list and plan ideas
  - (2) Draft: write ideas, sequence of events
  - (3) Revise: self-assess and seek advice through peer/teacher conference ; considering ideas/content, word choice, organization, sentence fluency, voice, conventions with teacher guidance/assistance
  - (4) Edit: self-assess and peer/teacher edit for all areas of punctuation, paragraphing, basic grammar, and proper spelling (McDougal/Littell and writers' vocabulary)
  - (5) Share finished product with varied audiences

## LISTENING

- follow directions and two-three step directions
- recognize and react to gestures and body language
- use strategies to remember a message, take written notes, repeat or restate
- provide feedback
- exhibit eye contact
- question and respond at the appropriate time
- focus on the message (no distracting behaviors)

## SPEAKING

Speak to entertain, persuade, inform, describe and inquire.

- Consider audience
- Plan and organize: use planning tools for presentation
- Present message
- Make eye contact
- Use appropriate posture
- Become aware of speed and volume
- Speak clearly

## HANDWRITING

- Know and reproduce manuscript/cursive letters/ numerals appropriately
- Produce a legible piece (Zaner-Bloser)

## MATHEMATICS

### Numbers, Number Systems, Number Relations

- Expanded notation to 10,000
- Read and write numbers to 1,000,000
- Calculate change to \$99.99
- Demonstrate knowledge of basic facts in four basic operations

### Computation and Estimation

- Explain algorithms with regrouping
- Addition and subtraction with regrouping
- Estimate to find a reasonable solution
- Multiplication and division
- Add and subtract money

### Measurement and Estimation

- Standard and non-standard units of measure
- Area, perimeter, time, temperature, and weight
- Compare measures
- Elapsed time to the minute
- Estimate measurement to the nearest  $\frac{1}{4}$  inch

### Mathematical Reasoning and Connections

- Verify and explain predictions of quantity, size and shape
- Use measurements in everyday situations
- Alternative methods to solve problems

### Problem Solving and Communication

- Select appropriate problem solving strategies
- Choose and explain correct strategies
- Determine sufficient information
- Trial and error

### Statistics and Data Analysis

- Gather, organize, display data on bar graph/pictograph/tallies/charts
- Form opinion based on data
- Interpret information on a graph

### Probability and Predictions

- Explain likelihood of chance events
- Generate a list of possible outcomes

### Algebra and Functions

- Gather, sort, count and display data
- Create and solve story problems using number sentences
- Missing addends
- Identify, describe, and replicate patterns
- Demonstrate simple function rules

### Geometry

- Identify and create lines of symmetry
- Rotation of a drawing
- Identify points, segments, and lines
- Identify quadrilaterals and angles

### Trigonometry

- Identify the number of sides and angles in a square, triangle, and rectangle
- Identify a right triangle and angle

### Concepts of Calculus

- Least and greatest values in bar and circle graphs
- Patterns of objects to infinity
- Rates of change

## SCIENCE

- Energy – Electricity and Light
- Matter – Chemical and Physical Changes
- Our Solar System
- Systems – Plant and Animal – interrelationships of systems to support life
- Weather – temperature, wind and precipitation patterns
- Earth and Soil Resources – Earth materials and how Earth changes affect humans (integrated with Social Studies)

## SOCIAL STUDIES

### Focus on our state: Pennsylvania

- History: Pennsylvania
- Geography: PA and Regions of the US
- Individual and Society: Ethnic communities and culture
- Political Science: State government and political concepts (i.e., freedom, discrimination, prejudice)
- Economics: PA jobs (historical and current)
- *Talk-it-Out/Conflict Resolution*

## ART

- Continued refinement of drawing and painting
- Textiles, sculpture and advanced figurative work

## MUSIC

- Elements of music
- Structure of chords and proportional note values
- Instrumental option: wind or percussion instruction

## PHYSICAL EDUCATION

- Gymnastics
- Modified team sports
- Rules, boundaries and game conduct