



1141 Kimberton Road, Chester Springs, PA 19425

2017-2018

THIRD GRADE CURRICULUM

SOCIAL DEVELOPMENT

Third grade is a year of expansion and change. Teachers place more academic responsibilities on the students. They have textbooks that require greater amounts of reading, writing and applying newly acquired knowledge. Exposure to various forms of testing occurs gradually with an introduction to study strategies. The children become more independent in both social and academic settings. It is a year when they begin to explore new relationships. The children are able to play peacefully and teachers continue to model how to resolve differences that might arise.

Third grade students become independent workers and sit for longer periods of time focusing on their work. They are conscientious about their work and begin to evaluate it in a constructive manner. The amount of independent work given is increased compared to previous years, but appropriate for this grade level. Teacher guidance is still necessary to help the students organize their work. Strategies, such as using checklists and charts, accomplish the task.

This is a year of changes. The children outgrow the behavior of the early years and prepare to enter the stage of preadolescence. They begin to draw conclusions and see contexts and implications, where before they saw only black and white. They formulate a value system and try to incorporate it into their daily lives. By the end of third grade the children are ready to expand, evaluate and consolidate their experiences for fourth grade.

LANGUAGE ARTS

The third grade language arts program focuses on strengthening previously learned skills. Students will continue to develop basic oral and silent reading skills, comprehension, predicting vocabulary, fluency, and making inferences through the use of a variety of children's literature. The Six Traits Writing model is being used in grades PreK-8. The program will foster a common language and consistency about writing and assessment for teachers and students which is designed to teach students the craft and quality of writing. The model is comprised of *ideas and*

content, word choice, conventions, voice, sentence fluency, and organization. These traits will be taught through literature, teacher modeling, and student examples. The strength of the model is the opportunity to give feedback and individualize instruction in writing. Writing assignments include creative writing, research projects, poetry, short stories, and journal entries. Grammar lessons including punctuation, capitalization, editing and parts of speech are part of daily instruction. Spelling lists are distributed each week. The lists include words that the children misspell, words that are relevant to a topic or theme, and words from a published fourth grade spelling text. Handwriting is another aspect of the language arts program. Cursive writing lessons emphasize proper letter formation and neatness. Computer technology is included in the humanities program. Students are given the opportunity to work with various software programs preparing reports, stories and presentations both in the classroom and in the computer lab.

SKILLS:

Speaking and Listening

The students will be able to synthesize information gathered during reading to contribute thoughtfully to discussions. They will be able to collaborate and present projects and analyze and respond thoughtfully on peers' projects.

Reading

The students will be able to read independently while focusing on comprehension, vocabulary and fluency. The students will be able to summarize the key details and events of a fictional text as a whole, as well as explain the stated or implied main ideas and supporting details. They will be able to make logical inferences, compare and contrast points of view, question, and make connections to what has been read.

Grammar

Identifies nouns, verbs, pronouns, adjectives, synonyms, antonyms, homophones, root words, contractions, compound words, prefixes, and suffixes

Identifies declarative and interrogatory sentences

Uses punctuation marks correctly

Uses grammatically correct sentences

Capitalizes proper nouns and the beginning of sentences

Spelling

Spells high frequency words correctly

Self-corrects misspelled words

Studies for weekly spelling tests

Handwriting

Uses Zaner-Bloser cursive handwriting
Uses proper spacing between letters and words
Has clear and legible handwriting

Writing/Application

The students will be able to write with an understanding of topic and audience. They will develop content and ideas appropriate for the topic by gathering and organizing information, while incorporating voice and word choice relevant to the topic. The students will write with sentence fluency to form a solid paragraph with one central idea in a logical order including a beginning, middle, and end. Using grade appropriate conventions of language when writing and editing is also emphasized and taught.

Writes a well-organized paragraph
Participates in writing conferences
Writes for a variety of purposes
Revises a story after a first draft
Edits and proofreads stories
Develops interesting characters and plots
Initiates writing for specific purposes
Writes short research reports

Research Skills

Alphabetizes
Uses a glossary
Uses an index
Uses a table of contents
Locates information
Uses a variety of resources
Cites sources of information
Paraphrases
Uses Internet to access information

ENRICHMENT ACTIVITIES

Creating research papers (with use of technology)
Published student writing (using technology)
Public speaking or reading such as in Chapel and in the classroom setting

RESOURCES

Jr. Great Books
Spelling and Vocabulary, Houghton Mifflin

Zaner-Bloser Handwriting by Clinton S. Hackney, Zaner-Bloser, Inc.

Computer Software activities

Daily Language Review 3, Evan-Moor

Write Source Skillsbook, Houghton Mifflin Harcourt

Write Source: Writing and Grammar, Houghton Mifflin

The Internet

Sample trade books used for directed reading activities such as:

Tigers at Twilight by Mary Pope Osborne

A Crazy Day with Cobras by Mary Pope Osborne

Day of the Dragon King by Mary Pope Osborne

Night of the Ninjas by Mary Pope Osborne

Read Alouds:

Gooseberry Park

The Miraculous Journey of Edward Tulane

My Father's Dragon

Just So Stories

SOCIAL STUDIES

The third grade Social Studies program focuses on the study of the continent of Asia, with a concentration on the cultures of India, China, and Japan. Trade books relating to these time frames are used to gain meaning of key concepts and vocabulary. Acquired knowledge is then fully implemented into a hands-on approach. By using a variety of activities, the students can experience what they have read and understand key concepts.

SKILLS:

Understand chronology and distinguish between past, present and future

Use/make a time line

Understand continuity and change through the study of historical and current events

Understand data in historical and modern maps

Interpret history, distinguishing fact from opinion

Recognize the existence of multiple points of view

Understand and appreciate historical sources (i.e. authors)

Identify individuals and groups who have made significant cultural and political contributions to world history (and explain how)

Explain how conflict and cooperation among social groups affected world history

Understand cause and effect

Identify historic sites and artifacts

Compare and contrast ancient and modern cultures

Identify the human characteristics of places and regions by their cultural characteristics
Recognize the impact of people on a region and culture, as well as the impact of a region and culture on people
Understand the components of culture (i.e. language, customs, belief system) of a given time period, including present day
Define government
Explain the purpose of government
Explain the purpose of rules and laws and why they are important in different settings (i.e. classroom, school, neighborhood, state)
Recognize social structures and hierarchies
Describe how customs and traditions influence government
Recognize and define ideals that shape governments (i.e. justice, liberty, citizenship)
Investigate and research "who," "what," "where," "when," "how," and "why"
Identify, research, and discuss current events taking place locally and globally

ENRICHMENT ACTIVITIES

Diwali, Chinese New Year celebrations
India, China, and Japan study units
Writing opportunities (using classroom computer and computer lab)
Art displays representing units
Current Events Project
Geography: Stratologica, Junior Geographer Atlas, Daily Geography (Evan-Moor)

RESOURCES

Summer Reading – *The Jungle Book* By Rudyard Kipling , adapted by Diane Wright Landolf
(Stepping Stones Classic)

China, Land of the Emperor's Great Wall (Fast Tracker) by Mary Pope Osborne and Natalie Pope Boyce

Pandas and Other Endangered Species (Fast Tracker) by Mary Pope Osborne and Natalie Pope Boyce

Ninjas and Samurai (Fast Tracker) by Mary Pope Osborne and Natalie Pope Boyce

India For Kids by Shalu Sharma

You Wouldn't Want to Work on the Great Wall of China! By Jacqueline Morley

You Wouldn't Want to Be a Ninja Warrior! By John Malam

MATHEMATICS

The third grade math curriculum builds on what was presented in previous grades. Many of the concepts are taught by using a hands-on, experiential approach. Manipulatives and games are used regularly, not only to introduce new concepts, but to review material as well. Word

problems are practiced every day and incorporate various problem-solving strategies. Math enrichment activities are given to those students who are ready for more challenging learning experiences. Periodic assessments are given at the conclusion of each chapter.

Numbers and Operations

Students will analyze, compare, add, and subtract whole numbers to 10,000. They will understand the meanings and uses of fractions while comparing fractional parts to the size of the whole, identify equivalent fractions, add and subtract fractions, use the dollar sign and decimal point in money amounts, solve word problems involving addition and subtraction of money, and use properties to multiply and divide.

Algebra

Students will be able to create, analyze, and solve number patterns and number sentences for one and two step problems. They will relate multiplication to division, investigate equalities, and describe number relations in context. They will also model, define, and explain properties of multiplication.

Geometry

Students will be able to identify and compare lines, angles, and figures; describe, analyze, and use investigations and logical reasoning to classify two-dimensional shapes by their sides, angles.

Measurement

Students will be able to select appropriate units and tools to estimate and measure length, weight, capacity, time, perimeter, area, and temperature. They will demonstrate the ability to convert among units and solve related word problems through investigations and logical reasoning.

Data Analysis

Students will be able to interpret picture and bar graphs with scales and use frequency tables, bar graphs, pictographs, and line plots to solve real-world problems.

SKILLS

- Count, read and write numbers through 10,000
- Round 2, 3, and 4 digit numbers
- Problem-solve using estimated or exact amounts
- Identify place value to thousands
- Compare numbers
- Order numbers
- Round numbers

Find a pattern to solve a problem
Read, write, and compare numbers to 999,999
Identify place value to hundred thousands
Determine value of collections of bills and coins
Count change
Tell time to the hour, half-hour, quarter-hour, five minutes and minute
Problem solve using logical thinking
Calculate elapsed time
Use a calendar and a schedule
Add and subtract 2, 3, and 4 digit numbers
Problem solve using guess and check
Estimate sums and differences
Estimate and use customary units of measure
Estimate and use metric units of measure
Measure and convert customary units of length, capacity, weight and mass
Read a thermometer
Problem solve using measurement
Understand multiplication and division
Use arrays to multiply
Relate multiplication and division
Identify fact families
Multiply with 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Divide by 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Multiply 2 and 3-digit numbers
Multiply money amounts
Understand and interpret remainders
find 2 and 3-digit quotients
Divide money
Problem solve: identify extraneous information
Use a pictograph
Use a multiplication table
Multiply 3 numbers
Problem solve by drawing a picture
Use a multiplication table to divide
Problem solve by writing a number sentence
Problem solve using money
Identify plane and solid figures
Identify lines, line segments, rays, and angles
Identify congruent figures

Identify lines of symmetry
Estimate and find perimeter, area and volume
Problem solve by finding a pattern
Collect, organize, and display data
Use line plots Use and Make a pictograph, bar graph and table
Perform probability experiments
Predict and record outcomes
Use probability to solve problems
Understand fractions
Identify parts, regions and groups
Compare and order fractions
Find equivalent fractions
Use fractions and mixed numbers
Add and subtract fractions
Understand decimals
Compare and order decimals
Add and subtract decimals
Use tenths, hundredths and decimals greater than 1
Problem solve using fractions and decimals

ENRICHMENT ACTIVITIES

Math games
Computer software programs
Challenge/Brainteasers
Menu Math
Marcy Cook Math Tiles

RESOURCES

Math in Focus, Singapore Math
Math Sprints, Singapore Math Inc
Daily Word Problems, Evan-Moor
Marcy Cook Math Tiles

SERVICE LEARNING

Montgomery has always taken pride in teaching our students the importance of service to others, which is part of our school mission. The service projects are directly tied to our classroom curriculum. This approach gives students the opportunity to observe directly the measurable change that is provided through their efforts in a grade appropriate way. The project will not only

affect the recipient of the service, but also the providers -- our students. Third grade oversees the school wide collection of Thanksgiving food baskets (containing all the food needed for Thanksgiving meals) for House of the Sparrow and extra collected food items are given to the Lord's Pantry in Downingtown.