

# Yutan Elementary



## *Curriculum Guide*

## Preschool Learning Objectives

### Social-Emotional

- Regulates own emotions and behaviors
  - Manages feelings
  - Follows limits and expectations
  - Takes care of own needs appropriately
- Establishes and sustains positive relationships
  - Forms relationships with adults
  - Responds to emotional cues
  - Interacts with peers
  - Makes friends
- Participates cooperatively and constructively in group situations
  - Balances needs and rights of self and others
  - Solves social problems

### Physical

- Demonstrates traveling skills
- Demonstrates balancing skills
- Demonstrates gross-motor manipulative skills
- Demonstrates fine-motor strength and coordination
  - Uses fingers and hands
  - Uses writing and drawing tools

### Language

- Listens to and understands increasingly complex language
  - Comprehends language
  - Follows directions
- Uses languages to express thoughts and needs
  - Uses an expanded expressive vocabulary
  - Speaks clearly
  - Uses conventional grammar
  - Tells about another time or place
- Uses appropriate conversational and other communication skills
  - Engages in conversations
  - Uses social rules of language

### Cognitive

- Demonstrates positive approaches to learning
  - Attends and engages
  - Persists
  - Solves problems
  - Shows curiosity and motivation
  - Shows flexibility and inventiveness in thinking
- Remembers and connects experiences
  - Recognizes and recalls
  - Makes connections

## Preschool Learning Objectives

- Uses classification skills
- Uses symbols and images to represent something not present
  - Thinks symbolically
  - Engages in social dramatic play

### Literacy

- Demonstrates phonological awareness
  - Notices and discriminates rhyme
  - Notices and discriminates alliteration
  - Notices and discriminates smaller and smaller units of sound
- Demonstrates knowledge of the alphabet
  - Identifies and names letters
  - Uses letter-sound knowledge
- Demonstrates knowledge of print and its uses
  - Uses and appreciates books
  - Uses print concepts
- Comprehends and responds to books and other texts
  - Interacts during read-aloud and book conversations
  - Uses emergent reading skills
  - Retelling stories
- Demonstrates emergent writing skills
  - Writes name
  - Writes to convey meaning

### Mathematics

- Uses number concepts and operations
  - Counts
  - Quantifies
  - Connects numerals with their quantities
- Explores and describes spatial relationships and shapes
  - Understand spatial relationships
  - Understands shapes
- Compares and measures
- Demonstrates knowledge of patterns

### Science and Technology

- Uses scientific inquiry skills
- Demonstrates knowledge of the characteristics
- Demonstrates knowledge of the physical properties of objects and materials
- Demonstrates knowledge of Earth's environment
- Uses tools and other technology to perform tasks

### Social Studies

- Demonstrates knowledge about self
- Shows basic understanding of people and how they live
- Explores change related to familiar people or places
- Demonstrates simple geographic knowledge

## Preschool Learning Objectives

### The Arts

- Explores the visual arts
- Explores musical concepts and expression
- Explores dance and movement concepts
- Explores drama through actions and language

## **Kindergarten**

### **Calendar**

- Number Line
- Pledge of Allegiance
- Morning songs
- Weather/Seasons
- Days of the week and Months of the year
- Birthdays
- Graphing

### **Language Arts**

- Nursery Rhymes
- Rhyming
- Opposites
- Alphabet Recognition
- Letter Sounds
- Blending
- Sight Words
- Journals

### **State Standards**

1.1.2 ABC Recognition

1.1.2 Rhyming

1.1.3 Concepts of Print

### **Handwriting**

- Zaner-Bloser Handwriting
- Pencil Grip
- Top to bottom
- Left to right
- Practice writing first and last name with capital only at the beginning

# Kindergarten

## **Math**

- Positions and Patterns
- Sorting
- Represent and Read Numbers 0-5
- Comparing Sets, Data, and Graphing
- Represent & Read Numbers 6-12
- Using numbers 0-12
- Numbers 10-20
- Numbers Greater Than 20
- Time
- Money
- Length
- Weight and Capacity
- Plane Shapes & Fractions
- Solid Shapes

### **State Standards**

1.1.4 Count to 20 with Concrete Objects

1.6.1 Patterns

1.6.2 Sort and Classify Objects

1.6.3 Identify and Describe Patterns in the Environment

## **Science**

- Plants
- Animals
- Five Senses
- Earth
- Weather

# Kindergarten

## Science

- Matter
- Motion

### **State Standards**

1.1.1 Systems, Order, and Organization

1.6.1 Technological Designs

## Social Studies

- We Have Families
- Where We Live
- People Long Ago
- Why We Work
- Getting Along Together

### **State Standards**

1.1.2 Evidence, Models, and Explanation

## Centertime

- Making large and small group choices
- Using proper voice level
- Sharing and cleaning up
- Role playing
- Building and creativity

## **Report Card Sample**

### **Social and Personal Development**

Works, shares, and plays well with others

Has adequate attention span

Follows directions

Works independently

Completes work

# Kindergarten

Tries to be careful and neat

Cooperates in class activities

## **General**

Knows address

Knows phone number

Knows birthday

Knows days of the week

Knows months of the year

Writes first name correctly

Writes last name correctly

## **Knows basic colors**

red blue yellow green brown black

orange pink white gray purple

## **Knows names of shapes**

rectangle circle square triangle

star diamond oval heart

## **Reading Readiness**

Understands rhyming words

Understands opposites

Knows letters of alphabet

Knows the sound a letter makes

Knows sight words introduced

Can identify beginning, medial, and ending sounds



## Kindergarten

Blends with short vowels

Can read a simple sentence

Forms letters correctly

Can read color words

### **Math**

Counts to...

Can identify, extend, and create a pattern

Can sort and classify objects

Knows position words

Can read number words

Recognizes numbers 0-20

Can write numbers 0-5

Can write numbers 6-12

Can write numbers 13-20

Can identify number sets up to 20

Tells time to the hour

Can name coins and give their values

Participates in Social Studies, Science and Health

Music, Physical Education, and Art

# First Grade Curriculum

## Calendar

- Days, months, year
- Money
- Time
- Weather
- Graphing

## Reading

- Daily 5
- Sight words
- Phonemic awareness
- Blending
- Letter recognition-sound isolation
- Syllables and syllable patterns
- Listening comprehension
- High Frequency words

## Structural Analysis

- inflectional endings s, ing, es
- possessive nouns
- contractions

## Comprehension

- sequence of events
- main ideas and details
- character-setting
- compare and contrast
- predictions
- analyze characters and settings
- context clues
- inference
- classify and categorize
- cause and effect
- distinguish between reality and fantasy
- identify problem and solution
- use illustrations

## Text Features/Study Skills

- photographs
- labels
- book parts
- diagrams
- dictionary
- directions
- signs
- maps
- newspapers/periodicals
- chart
- numerical list
- caption

- diagrams
- card catalog
- picture graph
- heads

## First Grade Curriculum

- question/answer format/search engines
- media center/internet

### Vocabulary

- words in context
- multiple meaning words
- word parts
- use a dictionary/unfamiliar words
- context clues
- syntax and semantics
- inflectional ending –ing
- synonyms and antonyms

### Literary Elements

- rhyme
- rhythmic patterns
- word choice
- repetition
- word play

### Grammar

- sentences
- word order
- ? and!
- writing sentences
- nouns
- plural nouns
- Irregular plural nouns
- proper nouns
- days, months, holidays
- Verbs
- present and past tense verbs
- is and are
- contractions with not
- was and were
- has and have
- go and do
- see and say
- adjectives
- adjectives that compare
- color words number words
- synonyms and antonyms
- subjects and predicates
- Pronouns- I or me
- combining sentences

# First Grade Curriculum

## Writing

- Daily 5
- sentence formation
- paragraphs
- short stories
- journaling
- mechanics
- proofreading
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## Spelling

- words with short vowels a, e, i, o, and u
- words with long vowels a, e, i, o, and u
- r blends
- l blends- bl, cl, fl
- s blends- sl, sp
- ending blends- nd, st, nt, nk
- consonant digraphs-ch, tch, wh, sh, th
- triple consonant
- consonant clusters-sc, spr, str
- r controlled vowels-ar, or, ur, ir, er
- vowel diphthongs-ou
- variant vowels- oo (book) oo (food)
- vowel diphthong- au (cause) aw (saw)
- vowel diphthong- oi (oil) oy (boy)
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## Handwriting

- Keys to legibility –shape, size, spacing, slant
- writing numbers, letters, and words
- Daily work-neatness
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## Math

- number concepts
- 0-20
- number order
- addition concepts
- symbols to add
- adding and subtracting with 0 and 1
- problem solving
- subtraction concepts
- vertical and horizontal adding and subtracting
- order and compare numbers
- data and graphing-tally charts, pictographs, bar graphs
- count on to add-count back to subtract
- use a # line to add and subtract
- doubles to add
- plane and solid shapes
- position words
- give and follow directions
- symmetry
- fractions to one-third
- fractions of a set
- place value to 100
- number patterns
- skip count by 2's and 5's

# First Grade Curriculum

## Math continued

- even and odd numbers
- time to 30 minutes
- calendar-days, weeks, months
- money-value of coins, count coins
- math facts through 12
- measurement-length-weight, capacity, temperature
- adding and subtracting two digit numbers

## Science

### **Energy:**

What can energy do?

What does light do?

How we use energy.

What gives off heat?

What is light?

What is sound?

### **Plants and Animals**

Living things-alike and different

What are some groups of living things?

- How are they alike and different

Parts of a plant

How do plants grow?

- different seeds grow differently

How do some animals grow?

How are living things like their parents?

- Babies-Parents: alike and different

### **Five Senses**

What are the five senses?

How do they help us?

How do we use them?

### **Patterns in Space**

Why sun is important.

What is the sun?

What causes day and night?

What are the four seasons?

Planet study

**What is technology?**

**What are objects made of?**

**What is the design process?**

# First Grade Curriculum

## Science skills:

- observe
- compare
- classify
- measure
- put things in order
- record data
- make a model
- communicate
- infer
- predict
- investigate
- draw conclusions

## Social Studies

### School:

- rules
- then and now

### In my Community:

- neighborhoods
- different types of communities
- laws and leaders

### Work:

- jobs
- needs and wants
- spending and saving

### Our Earth-Our Resources

- weather and seasons
- earth's resources
- caring for resources

### Our Country

- holidays
- Native Americans
- early travelers
- symbols
- our flag
- choosing leaders
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### Our Country Our World

- how things have changed
- inventors and inventions
- how travel has changed
- life around the world

### Veteran's Day

- Veteran's service/letter writing
- 1<sup>st</sup> grade celebration with Veteran's

# First Grade Curriculum

## Map and Globe Skills

- map key
- four directions
- follow a route
- locate land and water
- use a history map
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## Social studies skills

Using a/an:

- calendar
- atlas
- picture dictionary
- geography terms
- index

## Healthy teeth

## 2<sup>nd</sup> Grade Curriculum Guide

### Language Arts

Macmillan McGraw Hill Reading Series- It includes reading, writing, grammar, spelling, speaking, and listening. It also includes phonics, comprehension strategies, and vocabulary development

Writing-6 traits model: Ideas, Voice, Word Choice, Organization, Sentence Fluency, and Conventions

Phonics- Pearson: Phonemic Awareness, Sound to Symbol, Blending, Spelling, Words in Context, Phonics and Reading, Word Building, Sight Words

### Mathematics

Scott Foresman (Envision Math) - Number concepts through 50, Addition facts, subtraction facts, Data, Graphing, and probability, Place value, Number concepts and patterns, Plane shapes, solid shapes, fractions, regrouping with addition, regrouping with subtraction, Money, Time and calendar, Length, Weight, Capacity, and Temperature

### Social Studies

Scott Foresman- People & Places

Geography, Citizenship, government, technology, culture, economics, and history. Units include Where we Live, Our Earth, Working Together, Our Country Today, Our Country Long Ago, People and Places in History

### Science

Pearson Interactive Science

1. Physical Science
2. Life Science
3. Earth Science

### Handwriting

Zaner-Bloser Method of Handwriting

Manuscript Writing:

Keys to legibility: Shape, size, spacing, slant

### Accelerated Reading

Students are required to read and test on Accelerated Reader books each quarter. Books should be at the student's independent reading level.



# THIRD GRADE CURRICULUM

## SOCIAL STUDIES

**Curriculum:** Social Studies is taught using the *Scott Foresman: Communities* series. This program involves all strands of Social Studies specifically geography, citizenship, government, technology, culture, economics, and history. The curriculum is broken down into the following units:

Our Community	People in Communities
Where are Communities?	History of Communities
Communities at Work	Governments

**Components:** Social Studies instruction is as varied as the topics. We integrate direct instruction (whole class), small group activities, and a variety of projects.

Learning about Communities	Resources in Urban Communities
Maps and Globes	Community and State Government
Natural Resources	Our National Government
Resources in Rural Communities	Rural, Suburban, & Urban Communities Citizenship
National Holidays	Communities around the World
Native Americans	Pioneer Life
Explorers	Celebrations
Technology & Medicine	Making Choices: Earning, Spending,
Making Goods	Saving

## MATHEMATICS

**Curriculum:** Mathematics is taught using the *Scott Foresman-Envision math* Series. This program offers direct instruction in order to provide a strong foundation for sequential math learning. Third graders focus on fact families in addition, subtraction, multiplication, and division. They continue developing strategies for multi-digit addition and subtraction problems. Learning multiplication facts through the 10s is a goal this year. Practical application of measurement skills includes weight and capacity with customary and metric units. They continue to study telling time and geometry.

**Components:** We utilize direct instruction, guided practice, and independent practice. We emphasize practicing skills, applying skills to real-life situations, and communicating mathematical results.

Numeration	Time and Temperature
Adding whole #'s	Congruence & Symmetry
Subtraction # sense	Understanding Fractions
Multiplication Meaning/Facts	Decimals & Money
Division Meanings/Facts	Measurement
Pattern & Relationships	Metric Measure
Solids & Shapes	Perimeter, Area, & Volume

## THIRD GRADE CURRICULUM

### SCIENCE

**Curriculum:** *Pearson Interactive Science* Series. This program has many components including hands-on learning, direct instruction, scientific methodology, and problem solving. The third grade curriculum focuses on physical, earth, engineering, technology, and life sciences. The Science Units are:

#### Physical Science –

Force & Motion  
Energy & Its Forms

#### Earth Science-

Weather Patterns

#### Life Science-

Plants  
Living Things  
Ecosystems

#### Engineering & Technology

The Nature of Science  
Technology & The Design Process

### ACCELERATED READER

Students are required to read and test on Accelerated Reader books each quarter. Books should be at the student's independent reading level, should be enjoyable for the student, or have been read aloud to the class by the teacher. Each student and their teacher will work together to set and reach goals in the areas of reading comprehension, time spent reading, and earning points.

#### Language Arts

**Curriculum:** Language Arts is taught using the *Macmillan McGraw Hill Reading* series, which includes reading, writing, grammar, spelling, speaking and listening. This series is the core of our language arts program. This balanced program of instruction includes phonics, comprehension strategies, vocabulary development, as well as a means to experience reading for enjoyment. Our program emphasizes many different strategies, types of text, and purposes for reading. Writing will correlate with the reading program. We follow a Six Traits model. This model helps students to evaluate and improve their own writing. The six traits are Ideas, Voice, Word Choice, Organization, Sentence Fluency, and Conventions. Grammar skills are taught in a sequential manner and are demonstrated in the reading selections.

#### Language Arts

We also use the *Houghton Mifflin English* text as the text for grammar. Spelling words are taken from the reading series as well as from other curricular areas.

**Components:** Shared Reading (whole class) involves a common text and is beneficial for teacher modeling of literacy behaviors, skills, and strategies. Guided Reading (small group) involves text at instructional levels and is beneficial for direct teaching of skills and strategies.

## THIRD GRADE CURRICULUM

### English and Grammar

Language and Usage	Literature and Writing
Nouns	Verbs
Adjectives	Adverbs
Capitalization	Punctuation
Sentences	Writing Letters
Pronouns	Research Reports
Composition Strategies	

### Reading

**Comprehension:** character, setting, plot, main idea and details, problem and solution, summarize, fantasy and reality, fact and opinion, Author's Purpose, making inferences, cause and effect, sequence, theme, make judgments, draw conclusions, make and confirm predictions, fluency

**Vocabulary Strategies:** antonyms, synonyms, unfamiliar words, homophones, dictionary, multiple-meaning words, prefixes, Greek roots, suffixes

Word parts: compound words, homographs, plural endings, context clues, definitions, word clues, idioms, contractions, endings with er and est

**Text Features/Literary Elements/Study Skills:** bar graphs, time lines, rhythmic patterns and imagery, photos with captions, italics, headings, pronunciations, bold and colored type, internet article, alliteration and repetition, parts of a book, charts, directions, interviews, using a library, consonance and metaphor, functional documents, personifications, moral, diagrams, search engines, rhyme scheme, rules, encyclopedia article

**Writing:** Persuasive Writing, Personal Narrative, Expository Writing, Explanatory Writing

## SPELLING

**Curriculum:** Spelling words are taken from the reading series (See Language Arts curriculum descriptor). Words are grade-level appropriate, grouped by phonetic similarities, and correlate with the reading passages. Students receive instruction in phonics and vocabulary. Students should study for their weekly test at home. Lists come home on the first day of the week. Final tests are on the last day of the week.

**Components:** Students are pre-tested two times per week on the words from the reading series. If the student can spell all of the words correctly on either pre-test, they will not have to take a final test for that week. Typically the first pretest is on Monday, and a list for the week will also come home then. The second pretest is typically on Thursday, and the final test is typically on Friday.

## HANDWRITING

**Curriculum:** Students receive direct instruction in the *Zaner-Bloser* method of handwriting. We begin with a review of manuscript writing. After our review is complete, the students will begin to learn cursive.

**Components:** Each student completes handwriting exercises. Handwriting is also assessed in other curricular areas. On daily work, legibility – NOT letter formation – is the emphasis.

## FOURTH GRADE CURRICULUM DESCRIPTORS

### HANDWRITING

**Curriculum:** Students receive direct instruction in the *Zaner-Bloser* method of cursive handwriting. We begin with a review. After our review is complete, the students will complete most work in cursive.

**Components:** Each student completes handwriting exercises. Handwriting is also assessed in other curricular areas. On daily work, legibility – NOT letter formation – is the emphasis.

### SPELLING

**Curriculum:** Spelling words are taken from the reading series (See Language Arts curriculum descriptor). Words are grade-level appropriate, grouped by phonetic similarities, and correlate with the reading passages. Students receive instruction in phonics and vocabulary. Students should study for their weekly test at home. Lists come home on the first day of the week. Final tests are on the last day of the week.

**Components:** Students have twenty-five spelling words each week. Phonics and vocabulary work is also included.

### ACCELERATED READER

Students are required to read and test on Accelerated Reader books each quarter. Students will take Accelerated Reader tests on books at their independent reading level as determined by the STARS Assessment. In addition the books should be enjoyable for the student or have been read aloud to the class by the teacher. The student and teacher will work together to set and reach goals in the areas of reading comprehension, time spent reading, and earning points.

## FIFTH GRADE CURRICULUM

### Reading/Language Arts

- Comprehension strategies and skills
- Vocabulary development
- Study Skills
- Grammar, Mechanics, and Usage
- Speaking and Listening Skills
- Writing for different purposes

### Math

- Whole numbers, decimals, fractions (place value, operations, problem solving)
- Measurement with customary and metric units
- Geometry and geometric measurement (plane figures, perimeter, area, circumference, and volume)
- Percent and Probability
- Algebra (equations and functions)
- Coordinate Graphing

### Science

- Scientific Investigation Process
- Life Science (Processes of Living Things, Systems and Interactions in Nature)
- Earth Science (Processes that Change the Earth, The Solar System)
- Physical Science (Matter and its Properties, Force and Motion)

### Social Studies

- Early Life in the Eastern and Western Hemispheres
- Exploration and Settlement of the Americas
- Thirteen Colonies
- American Revolution
- Forming a Government
- Growth of our Nation
- Civil War and Reconstruction

## Sixth Grade Curriculum

### Reading / Language Arts

- Skills/strategies to comprehend text
- Writing skills/strategies to communicate
- Speaking /listening skills and strategies
- Skills/strategies to identify, locate & evaluate information in a variety of formats

### Math

- Whole Numbers (comparing, rounding, adding, subtracting, multiplying, dividing)
- Integers (comparing, absolute value, adding, subtracting, multiplying, dividing)
- Fractions (divisibility rules, factors, primes, LCM, GCF, equivalents)
- Decimals (comparing, rounding, word problems, multiplying, dividing)
- Algebraic Thinking (expressions, variables, equations, multi-step problems)
- Ratios, Proportions, Percent's (unit rates, equivalent ratios, proportions, percent's)
- Geometry (points, lines, rays, planes, angles, polygons, nets, symmetry, transformations)
- Perimeter, Area, and Volume (Triangles, prisms, quadrilaterals)
- Probability and Statistics (Central tendency, pictographs, bar, line, circle graphs, stem-and-leaf)
- Measurement (customary and Metric)

### Science

- Variables (scientific investigation)
- Models & Designs (design & construction of scientific models)
- Mixtures & Solutions (changes & transformations in matter)
- Earth Science
- Scientists and their Endeavors
- Life Science (DARE & Bill Nye series)

### Social Studies

- Slavery and the Civil War (1820-1865)
- Reconstruction (1865-1877)
- A Country Transformed (1877-1921)
- Conflict in the Gilded Age (1877-1920)
- America's Global Reach (1890-1920)
- New Voices Emerge (1920-1929)
- The Great Depression (1929-1941)
- World War II (1931-1945)
- After the War (1945-1965)
- A Time of Change (1945-1980)
- Losing Control (1972-1980)
- A New Direction (1980-2001)
- America in the 21<sup>st</sup> Century (2001-Present)