

ADDISON ELEMENTARY SCHOOL COURSE DESCRIPTION GUIDE

2020-2021

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For the 2020-21 school year, the board of education will allow instruction of all courses listed in the course catalog as traditional/seated courses to be adapted for delivery in a virtual/digital format.

DK - Developmental Kindergarten

Core Classes

Reading Readiness

- Introduction to letters
- Concepts of Print
- Fine motor skills
- Letter formation

Math Readiness

- Introduction to numbers
- Subitizing

Science

- Introduction to concepts through text and outdoors

Social Studies

- Introduction to concepts through text and social interaction

Work Habits

Kindergarten

Core Classes

Language Arts - K

- Introduction to letters & sounds
- Concepts of Print
- Apply grade level phonics
- Beginning Reading
- Letter formation
- Fine motor skills
- Beginning writing with pictures and dictation

Math Skills K

- Describing shapes and space
- Counting
- Introduction to addition & subtraction

Science

- Pushes and pulls
- Ecosystems
- Weather and climate
- Engineering design

Personal & Social Development

- Myself and others

Work Habits

First Grade

Core Classes

Reading 2

- Ask & answer questions
- Retell
- Basic features of print
- Apply grade level phonics

Math 1

- Solve addition and subtraction problems within 10
- Extend counting
- Measure lengths
- Tell and write time
- Describe shapes and their attributes

Science 1

- Light and sound
- Information processing
- Patterns and cycles
- Engineering design

Social Studies 1

- Families and schools

Writing Skills 1

- Opinion writing
- Explanatory writing
- Narrative writing

Second Grade

Core Classes

Reading 2

- Apply grade level phonics
- Use text features
- Ask and answer 5w questions
- Read with sufficient fluency and accuracy to support comprehension

Math 2

- Solve addition and subtraction problems within 20
- Understand place value
- Measure and estimate lengths
- Work with time and money
- Reason with shapes and their attributes

Science 2

- Properties of matter
- Ecosystems
- Earth
- Engineering design

Social Studies 2

- Local community

Writing Skills 2

- Opinion writing
- Explanatory writing
- Narrative writing

Third Grade

Core Classes

English Language Arts 3

- Demonstrate understanding of a text
- Know and apply grade level phonics and word analysis skills
- Read with purpose and understanding
- Opinion writing
- Explanatory writing
- Narrative writing

Math 3

- Solve problems involving multiplication and division within 100
- Use place value
- Develop understanding of fractions
- Area and perimeter
- Reason with shapes and their attributes

Science 3

- Forces and interactions
- Ecosystems
- Life cycles and traits
- Weather and climate
- Engineering design

Michigan History

- Michigan studies

Fourth Grade

Core Classes

English Language Arts 4

- Know and apply grade level phonics and word analysis skills
- Read and comprehend literature and informational text
- Make connections
- Opinion writing
- Explanatory writing
- Narrative writing

Math 4

- Use the four operations with whole numbers to solve problems
- Place value with multi digit whole numbers
- Fractions
- Measurement conversion
- Angle measures

Science 4

- Energy
- Waves and information
- Information processing
- Earth
- Engineering design

Social Studies 4

- United States studies

5th Grade

Social Studies

- Integrated US History (1620 - 1800)
 - Geographic Perspective
 - Civic Perspective
 - Economic Perspective
 - Public Discourse, Decision Making, and Citizen Involvement

Science

- Motion and Stability: Forces and Interactions
- Matter and Its Interactions
- From Molecules to Organisms: Structures and Processes
- Energy
- Ecosystems: Interactions, Energy, and Dynamics
- Earth's Place in the Universe
- Earth's Systems
- Earth and Human Activity
- Engineering Design

English Language Arts

- Conventions of Standard English
- Knowledge of Language
- Vocabulary Acquisition and Use
- Literature/Informational Text: Key Ideas and Details
- Literature/Informational Text: Craft and Structure
- Literature/Informational Text: Integration of Knowledge and Ideas
- Literature/Informational Text: Range of Reading and Level of Text Complexity
- Phonics and Word Recognition/Fluency
- Opinion writing
- Informative/Explanatory writing
- Narrative writing
- Research writing
- Comprehension, collaboration, and presentation

Math

- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Number and Operations—Fractions
- Measurement & Data
- Geometry

Non-Core Classes

DK - Developmental Kindergarten

Music

- Identify and properly use the four voices, identify and perform a steady beat, Loud/Soft, Fast/Slow

Physical Education

- Following directions
- Self-regulation
- Locomotor skills

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others

Social Emotional Learning

- Empathy
- Skills for learning
- Emotion management
- Problem solving

Kindergarten

Music

- Identify and properly use the four voices, identify and perform a steady beat, Loud/Soft, Fast/Slow

Physical Education

- Fundamental movement patterns
- Object manipulation
- Introduction to physical fitness

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others

Social Emotional Learning

- Empathy
- Skills for learning
- Emotion management
- Problem solving

First Grade

Music

- Replicate short rhythm patterns (quarter notes, quarter rests, and eighth notes), sing SML songs (Sol, Mi, La), timbre of instruments

Physical Education

- Demonstration of movement patterns
- Object control skills
- Apply fitness concepts of aerobic endurance

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others

Social Emotional Learning

- Empathy
- Skills for learning
- Emotion management
- Problem solving

Second Grade

Music

- Melodic instrument work, identify verse and refrain, adding the half note to rhythm patterns, timbre of instrument families

Physical Education

- Competence in movement skills and manipulative skills
- Low level games
- Introduction to benefits of physical fitness

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others

Social Emotional Learning

- Empathy
- Skills for learning
- Emotion management
- Problem solving

Third Grade

Music

- Add whole note to rhythm patterns, instrument families identification, playing rhythmic patterns while other sing, introduction of treble clef

Physical Education

- Understanding physical fitness and how to assess
- Creating strategies to apply to games
- Skill building and physical fitness

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others

Social Emotional Learning

- Empathy
- Skills for learning
- Emotion management
- Problem solving

Fourth Grade

Music

- Reading treble clef, playing the recorder, adding half note rests and whole note rests to rhythm patterns

Physical Education

- Physical fitness assessments twice per year
- Variety of movement, skill based, and group games

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others

Social Emotional Learning

- Empathy
- Skills for learning
- Emotion management
- Problem solving

Fifth Grade

Music

- Reading treble clef, working on stage performances, adding half note rest and whole note rest to rhythm patterns

Physical Education

- Physical fitness assessments twice per year
- Variety of movement, skill based, and group games

STEM

- Incorporating Science, Technology, Engineering, and Math into hands-on learning opportunities and projects both individually and working collaboratively with others.

Social Emotional Learning

- Empathy
- Skills for learning
- Emotional management
- Problem solving

