



Destination STEM School Curriculum
1st Grade

Physical Education

Description:

Physical Education activities include yoga, participating in a team or individual sport, and Destination STEM's bowling program.

Units:

- Get Up and Move
- Making Healthy Choices
- Make Your Own Fun
- Games from Around the World
- Show Your Strength

Art

Description:

Students expand their understanding of color, line, and shape. Activities include drawing, cutting, creating designs, and paper construction. We also introduce the concepts of texture and three-dimensional forms.

Units:

- Elements of Art
- Principles of Design
- Art Media
- Themes in Art

Supplies

Crayons (1 package)
Paintbrush
Watercolor Paints

Language Arts 1

Description:

In first grade, beginning readers work to become fluent readers. In the first semester, the students are taught to attack new words using a variety of decoding and contextual strategies. Students are given daily opportunities to apply these skills to decodable and authentic texts. They are taught to think about what they read through a variety of guided reading strategies. In writing, students create increasingly complex compositions and improve their handwriting.

Units:

- You're in First Grade Now
- Animals, Tame and Wild
- Communities
- Ira Sleeps Over

Language Arts 2

Description:

In first grade, beginning readers work to become fluent readers. The second semester course continues to teach students to attack new words using a variety of decoding and contextual strategies. Students are given daily opportunities to apply these skills to decodable and authentic texts. They are taught to think about what they read through a variety of guided reading strategies. In writing, students create increasingly complex compositions and improve their handwriting.

Units:

- Changes
- Treasures
- Great Ideas

Math 1

Description:

In first-grade math, students will develop an understanding of numbers to 100 using a variety of models. In the first semester, the student is introduced to building strategies for addition and subtraction of whole numbers up to 18, students will also practice problem solving and reasoning skills. Hands-on activities and tools let students practice money and measurement concepts. We also explore geometry topics—shapes, congruence, and symmetry—as well as data analysis with picture graphs, data, and bar graphs.

Units:

- Numbers to 100
- Comparing and Ordering Numbers
- Understanding Addition
- Understanding Subtraction
- Five and Ten Relationships
- Addition Facts to 100
- Subtraction Facts to 100
- Geometry
- Patterns
- Counting and Number Patterns to 500
- Transitioning to Common Core

Math 2

Description:

In the second semester, students continue to develop an understanding of numbers to 1000 using a variety of models. While building strategies for addition and subtraction of whole numbers up to 18, students will also practice problem solving and reasoning skills. Hands-on activities and tools let students practice money and measurement concepts. We also explore geometry topics—shapes, congruence, and symmetry—as well as data analysis with picture graphs, data, and bar graphs.

Units:

- Tens and Ones
- Comparing and Ordering Numbers to 100
- Counting Money
- Measurement
- Time
- Addition Facts to 18
- Subtraction Facts to 18
- Data and Graphs
- Fractional Parts
- Adding and Subtracting with Tens and Ones
- Transitioning to Common Core

Science 1

Description:

Science encourages students to explore the natural world. In the first semester, students will study Earth, its resources, and how to protect them. We will explore how plants and animals grow and change. We will create a model of a mountain and investigate the way sunlight affects leaves. Students will also learn about the scientific method and explore possible careers in science.

Units:

- Be a Scientist
- Plants are Living things
- Plants Grow and Change
- All About Animals
- Places to Live
- Looking at Earth
- Caring for Earth

Science 2

Description:

Science encourages students to explore the natural world. In the second semester, students continue to study Earth, its resources, and how to protect them. We will explore how plants and animals grow and change. We will create a model of a mountain and investigate the way sunlight affects leaves. Students will also learn about the scientific method and explore possible careers in science.

Units:

- Weather and Seasons
- The Sky
- Matter Everywhere
- Changes in Matter
- On the Move
- Energy Everywhere

Social Studies 1

Description:

In the first semester, students will learn about the ways in which people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. We will also study maps, photos, biographies, illustrations, poetry, and music to help explain the concept of communities and extend the concept of community to the larger world.

Units:

- Time for School
- In My Community
- Work! Work! Work!

Social Studies 2

Description:

In the second semester, students continue to learn about the ways in which people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. We will also study maps, photos, biographies, illustrations, poetry, and music to help explain the concept of communities and extend the concept of community to the larger world.

Units:

Our Earth, Our Resources

This Is Our Country

Our Country, Our World

Technology

Description:

In this course, students build on foundational skills while using software to draw, type, and format text, and create presentations to support academic skills. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.

Units:

- Introduction and Paint
- Microsoft® Word
- Microsoft® PowerPoint
- Microsoft® Excel
- Keyboarding
- Study Skills
- Internet Safety

Elective Courses

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Spanish

Description:

Here, students will learn basic Spanish speaking skills.

Units

- Colors
- Numbers
- Family
- Food
- Basic conversation in Spanish

Home Life

Description:

Here, students select from a number of projects that develop skills through fun, experiential learning projects. Activities include cooking, crafts, sewing, home maintenance, family outings, and genealogy. Recently added projects include Lemonade Stand and Backyard Ecosystems.

Units:

- In the Kitchen
- In the Garage
- In the Store
- In the Garden
- In the Family