

First Grade Curriculum Overview

In First Grade, we cover a broad range of skills and standards. We use Benchmark Advance for Literacy curriculum, newly adopted Illustrative Mathematics for math curriculum and Mystery Science for science curriculum. We also use Second Step for SEL practice.

ELA

Skills to be developed throughout the course:

- Foundational skills
- Comprehension skills for informational texts and literature
- Vocabulary skills
- Writing skills
- Grammar skills
- Speaking and listening skills
- Language skills

Units of Study:

- Unit 1 Plants and Animals Grow and Change
- Unit 2 Many Kinds of Characters
- Unit 3 Being a Good Community Member
- Unit 4 Stories have a narrator
- Unit 5 Technology at Work
- Unit 6 Stories Teach Many Lessons
- Unit 7 Past, Present, and Future
- Unit 8 Observing the Sky
- Unit 9 We Use Goods and Services
- Unit 10 Exploring Sound, Light, and Heat

The Learning Standards for this course are the Illinois Common Core State Standards of English Language Arts.

- [Include link to appropriate standards](#)

Math

Skills to be developed throughout the year:

- Addition and Subtraction within 20
- Place Value within 100
- Flat and Solid Shapes
- Halves and Quarters of Shapes
- Telling time to the hour and half hour
- Comparing numbers within 100 using greater than, less than and equal to
- Direct and indirect measurement comparisons
- Interpreting and producing data in various formats

Units of Study:

- Adding, Subtracting and Working with Data
- Addition and Subtraction Story Problems
- Adding and Subtracting within 20
- Numbers to 99
- Adding Within 100
- Length Measurements
- Geometry and Time
- Putting it All Together

The Learning Standards for this course are the Illinois Common Core State Standards.

- <https://www.isbe.net/Documents/math-standards.pdf>

Standards	Aligned Lessons
1.G.A	1.7.1, 1.7.2, 1.7.3, 1.7.4, 1.7.5, 1.7.6, 1.7.7, 1.7.8, 1.7.9, 1.7.11, 1.7.12, 1.7.17
1.G.A.1	1.7.4, 1.7.5, 1.7.6, 1.7.8, 1.7.12
1.G.A.2	1.7.2, 1.7.7, 1.7.8, 1.7.12, 1.7.17
1.G.A.3	1.7.9, 1.7.10, 1.7.11
1.MD.A.1	1.6.1, 1.6.2, 1.6.3, 1.6.5
1.MD.A.2	1.6.5, 1.6.6, 1.6.7, 1.6.8, 1.6.9, 1.6.10, 1.6.11, 1.6.16
1.MD.B.3	1.7.13, 1.7.14, 1.7.15, 1.7.16, 1.7.17
1.MD.C.4	1.1.7, 1.1.8, 1.1.9, 1.1.11, 1.1.12, 1.1.13, 1.1.14, 1.1.15, 1.2.3, 1.2.5, 1.2.13

1.NBT.A.1	1.2.8, 1.2.19, 1.3.12, 1.3.24, 1.3.25, 1.4.1, 1.4.2, 1.4.3, 1.4.6, 1.4.7, 1.4.8, 1.4.9, 1.4.10, 1.4.12, 1.4.13, 1.4.14, 1.4.18, 1.4.19, 1.4.23, 1.5.1, 1.5.2, 1.5.4, 1.5.13, 1.6.8, 1.6.9, 1.6.12, 1.6.15, 1.6.16, 1.7.15, 1.8.7, 1.8.8
1.NBT.B	1.4.22, 1.5.14, 1.8.7, 1.8.8, 1.8.9, 1.8.10
1.NBT.B.2	1.4.1, 1.4.2, 1.4.3, 1.4.5, 1.4.6, 1.4.7, 1.4.8, 1.4.9, 1.4.10, 1.4.11, 1.4.14, 1.4.16, 1.4.17, 1.4.18, 1.4.19, 1.4.20, 1.4.21, 1.4.22, 1.4.23, 1.5.1
1.NBT.B.2.a	1.3.8, 1.3.9, 1.4.6, 1.4.8, 1.4.19, 1.4.20
1.NBT.B.2.b	1.3.8, 1.3.9, 1.3.10, 1.4.20
1.NBT.B.2.c	1.4.2, 1.4.3, 1.4.4, 1.4.6, 1.4.11
1.NBT.B.3	1.4.14, 1.4.15, 1.4.16, 1.4.17, 1.4.18, 1.4.19, 1.4.21, 1.4.22, 1.4.23, 1.5.13, 1.6.1, 1.6.4, 1.8.9
1.NBT.C	1.8.9, 1.8.10
1.NBT.C.4	1.4.3, 1.4.4, 1.4.5, 1.4.6, 1.4.7, 1.4.9, 1.4.11, 1.4.12, 1.4.13, 1.4.18, 1.4.21, 1.5.1, 1.5.2, 1.5.3, 1.5.4, 1.5.5, 1.5.6, 1.5.7, 1.5.8, 1.5.9, 1.5.10, 1.5.11, 1.5.12, 1.5.13, 1.5.14, 1.6.1, 1.6.2, 1.6.4, 1.6.5, 1.6.10, 1.6.16, 1.7.4, 1.7.5, 1.7.6, 1.7.12, 1.7.14, 1.7.16, 1.7.17, 1.8.5, 1.8.10
1.NBT.C.5	1.4.3, 1.4.4, 1.4.6, 1.4.12, 1.4.13, 1.4.14, 1.4.15, 1.4.18, 1.5.14, 1.6.1, 1.6.4, 1.6.5, 1.6.10, 1.7.11
1.NBT.C.6	1.4.3, 1.4.4, 1.4.5, 1.4.6, 1.4.7, 1.4.9, 1.4.12, 1.4.13, 1.4.18, 1.5.14
1.OA.A	1.2.22
1.OA.A.1	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.7, 1.2.8, 1.2.9, 1.2.10, 1.2.11, 1.2.12, 1.2.13, 1.2.14, 1.2.15, 1.2.16, 1.2.17, 1.2.18, 1.2.19, 1.2.20, 1.2.21, 1.3.2, 1.3.6, 1.3.10, 1.3.11, 1.3.12, 1.3.13, 1.3.17, 1.3.22, 1.3.25, 1.3.26, 1.3.28, 1.4.7, 1.4.9, 1.4.13, 1.5.4, 1.6.11, 1.6.12, 1.6.13, 1.6.14, 1.6.15, 1.6.17, 1.8.4, 1.8.5, 1.8.6
1.OA.A.2	1.2.21, 1.3.15, 1.3.20, 1.3.28, 1.6.11, 1.8.6
1.OA.B.3	1.2.9, 1.3.2, 1.3.3, 1.3.4, 1.3.15, 1.3.16, 1.3.17, 1.3.19, 1.3.28
1.OA.B.4	1.1.10, 1.1.11, 1.1.14, 1.2.3, 1.2.6, 1.2.15, 1.2.18, 1.2.19, 1.2.20, 1.2.21, 1.2.22, 1.3.5, 1.3.10, 1.3.12, 1.3.22, 1.3.24, 1.3.25, 1.3.26, 1.6.11, 1.6.14

1.OA.C.5	1.1.1, 1.1.2, 1.1.3, 1.1.4, 1.1.5, 1.1.6, 1.1.7, 1.1.9, 1.1.10, 1.1.11, 1.1.13, 1.1.14, 1.2.3, 1.2.5, 1.2.12, 1.2.14, 1.3.2, 1.3.4, 1.3.5, 1.3.6, 1.3.13, 1.3.15, 1.3.21, 1.3.22, 1.3.24, 1.3.25, 1.3.27, 1.4.1, 1.4.3, 1.4.6, 1.4.7, 1.4.9, 1.4.13, 1.4.14, 1.5.13, 1.6.1, 1.6.4, 1.6.5, 1.6.10
1.OA.C.6	1.1.1, 1.1.2, 1.1.3, 1.1.4, 1.1.5, 1.1.6, 1.1.7, 1.1.10, 1.1.11, 1.1.13, 1.1.14, 1.2.2, 1.2.3, 1.2.5, 1.2.6, 1.2.7, 1.2.8, 1.2.10, 1.2.14, 1.2.15, 1.2.16, 1.2.17, 1.2.20, 1.2.21, 1.3.1, 1.3.2, 1.3.3, 1.3.4, 1.3.5, 1.3.6, 1.3.7, 1.3.10, 1.3.11, 1.3.12, 1.3.13, 1.3.14, 1.3.15, 1.3.16, 1.3.17, 1.3.18, 1.3.19, 1.3.20, 1.3.21, 1.3.22, 1.3.23, 1.3.24, 1.3.25, 1.3.26, 1.3.27, 1.3.28, 1.4.1, 1.4.3, 1.4.5, 1.4.6, 1.4.7, 1.4.9, 1.4.12, 1.4.13, 1.4.14, 1.5.4, 1.5.6, 1.5.8, 1.5.13, 1.6.1, 1.6.4, 1.6.5, 1.6.10, 1.6.11, 1.6.12, 1.6.13, 1.6.14, 1.6.15, 1.6.17, 1.7.4, 1.7.5, 1.7.8, 1.7.12, 1.7.17, 1.8.1, 1.8.2, 1.8.3, 1.8.4, 1.8.5, 1.8.6, 1.8.8
1.OA.D.7	1.2.4, 1.2.9, 1.2.14, 1.2.17, 1.3.3, 1.3.4, 1.3.11, 1.3.14, 1.3.16, 1.4.15, 1.5.11, 1.7.15, 1.8.5
1.OA.D.8	1.2.8, 1.2.18, 1.2.21, 1.3.2, 1.3.4, 1.3.5, 1.3.7, 1.3.9, 1.3.10, 1.3.11, 1.3.12, 1.3.13, 1.3.14, 1.3.18, 1.3.24, 1.4.1, 1.4.3, 1.4.5, 1.4.6, 1.4.13, 1.5.4, 1.5.8, 1.5.10, 1.5.13, 1.8.2, 1.8.3

Science

Skills to be developed throughout the course:

- Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
- Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive
- Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.
- Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
- Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
- Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs
- Use observations of the sun, moon, and stars to describe patterns that can be predicted.
- Make observations at different times of year to relate the amount of daylight to the time of year.
- Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.
- Make observations to construct an evidence-based account that objects can be seen only when illuminated.
- Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.
- Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.

Units of Study:

- Animal Superpowers
- Plant Superpowers
- Sun and Shadows
- Moon and Stars
- Lights and Sounds

The Learning Standards for this course are the [NGSS](#).

- **Animal Superpowers**
 - 1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
 - 1-LS1-2. Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive

- 1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.
- **Plant Superpowers**
 - K-2-ETS1-1. Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
 - K-2-ETS1-2. Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
 - K-2-ETS1-3. Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs
 - 1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
 - 1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.
- **Sun and Shadows**
 - 1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted.
 - 1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year.
- **Moon and Stars**
 - 1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted.
 - 1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year.
- **Lights and Sounds**
 - 1-PS4-1. Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.
 - 1-PS4-2. Make observations to construct an evidence-based account that objects can be seen only when illuminated.
 - 1-PS4-3. Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.
 - 1-PS4-4. Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.

Social Studies

Skills to be developed throughout the course: (bulleted list of several skills that students will work on throughout the course)

Inquiry skills-First Trimester

Culture

- Friends, Family, and neighbors
- Culture, Rules, Customs, and Celebrations
- School Rules

Inquiry skills-Second Trimester

Geography

- maps and representations of familiar places.
- how human activities affect characteristics of places or regions.
- how people use local and worldwide environments to meet their daily needs.

Inquiry skills-Third Trimester

Economics/Civics

- Goods and Services
- Wants and Needs
- Jr. Achievement

Units of Study:

Communities and Cultures

- Living With Rules
- What Do Family Stories Tell Us About the Past?

Geography/Maps

What Do Family Stories Tell Us About the Past?
Can my life fit on a Map?

History

- **Economic/Civics**
What Choices do we make with our money?

The Learning Standards for this course are the [Illinois Social Science Standards](#)