



First Grade In-Museum Standards by Exhibits

General Museum

Social Studies

- **SSMGS2** Use intermediate directions.
- **SS1E1** Identify goods that people make and services that people provide for each other.
- **SS1E3** Describe how people are both producers and consumers.
- **SS1E4** Explain that people earn income by working and that they must make choices about how much to save and spend.

Book Nooks

English Language Arts

- **1.P.EICC.3 Comprehension Strategies** Engage with a range of complex texts for a variety of tasks and purposes, accessing and using strategies for comprehension* before, during, and after reading as part of the meaning-making process.
- **1.P.ST.1 Context** Develop and apply knowledge of key components of context such as background information, geographic location, cultural influences, time period, and contemporary events when interpreting and constructing texts.
- **1.P.AC.3 Text Design** Consider the impact of text design on audience and purpose when consuming and producing texts across modes and genres.
- **1.L.V.3 Meaning & Purpose** Make connections between words and phrases and use reference materials to determine or clarify word meanings in a variety of settings and for a variety of purposes.
- **1.T.C.2 Authors & Speakers** Investigate the relationships between authors and speakers in texts.
- **1.T.T.1 Narrative Techniques** Identify and use narrative techniques to shape understanding.
- **1.T.T.4 Poetic Techniques** Identify and use poetic techniques to shape understanding.



Fundamentally Food (10 months – 8 years)

Farm

Math

- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1E1** Obtain, evaluate, and communicate weather data to identify weather patterns.
- **S1L1** Obtain, evaluate, and communicate information about the basic needs of plants and animals.

Social Studies

- **SS1E1** Identify goods that people make and services that people provide for each other.
- **SS1E3** Describe how people are both producers and consumers.
- **SS1E4** Explain that people earn income by working and that they must make choices about how much to save and spend.

Grocery Store

Math

- **1.NR.2** Explain the relationship between addition and subtraction and apply the properties of operations to solve real-life addition and subtraction problems within 20.
- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1L1** Obtain, evaluate, and communicate information about the basic needs of plants and animals.

Social Studies

- **SS1E1** Identify goods that people make and services that people provide for each other.



- **SS1E3** Describe how people are both producers and consumers.
- **SS1E4** Explain that people earn income by working and that they must make choices about how much to save and spend.

Delivery Truck

Math

- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Social Studies

- **SS1E1** Identify goods that people make and services that people provide for each other.
- **SS1E3** Describe how people are both producers and consumers.
- **SS1E4** Explain that people earn income by working and that they must make choices about how much to save and spend.

Cafe

Math

- **1.NR.2** Explain the relationship between addition and subtraction and apply the properties of operations to solve real-life addition and subtraction problems within 20.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1L1** Obtain, evaluate, and communicate information about the basic needs of plants and animals.

Social Studies

- **SS1E1** Identify goods that people make and services that people provide for each other.
- **SS1E3** Describe how people are both producers and consumers.
- **SS1E4** Explain that people earn income by working and that they must make choices about how much to save and spend.



Gateway to the World (10 months – 8 years)

Globe

Science

- **S1E1** Obtain, evaluate, and communicate weather data to identify weather patterns.

Social Studies

- **SSMGS1** Use a compass rose to identify cardinal directions.
- **SSMGS2** Use intermediate directions.
- **SSMGS7** Use a map to explain impact of geography on historical and current events.
- **SSIPS1** Compare similarities and differences.
- **SS1G3** Locate major topographical features of the earth's surface.

Continent Tables

Math

- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1E1** Obtain, evaluate, and communicate weather data to identify weather patterns.
- **S1L1** Obtain, evaluate, and communicate information about the basic needs of plants and animals.

Social Studies

- **SSMGS1** Use a compass rose to identify cardinal directions.
- **SSMGS2** Use intermediate directions.
- **SSMGS7** Use a map to explain impact of geography on historical and current events.
- **SSIPS1** Compare similarities and differences.
- **SS1G3** Locate major topographical features of the earth's surface.

Rocket Launcher



Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

The Climber

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.

Let Your Creativity Flow (10 months – 8 years)

Paint Wall

Math

- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.

Social Studies

- **SSIPS1** Compare similarities and differences.

Sand Tables

Math

- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.



Social Studies

- **SSIPS1** Compare similarities and differences.
- **SS1G3** Locate major topographical features of the earth's surface.

CMA On Stage

Story Time

English Language Arts

- **1.P.EICC.1 Reader & Writer Identity** Build an identity as a reader and writer, developing a repertoire of resources and tools to continuously expand participation as an active consumer and producer of texts.
- **1.P.EICC.2 Engagement & Intention** Engage in written or spoken dialogue as author and audience for a variety of tasks and purposes, making intentional connections within, between, and beyond texts.
- **1.P.EICC.3 Comprehension Strategies** Engage with a range of complex texts for a variety of tasks and purposes, accessing and using strategies for comprehension* before, during, and after reading as part of the meaning-making process.
- **1.P.ST.1 Context** Develop and apply knowledge of key components of context such as background information, geographic location, cultural influences, time period, and contemporary events when interpreting and constructing texts.
- **1.P.ST.2 Author, Audience, & Purpose** Interpret and construct texts by developing and applying knowledge of the strategies and techniques authors use to accommodate the target audience and achieve the text's purpose.
- **1.P.AC Author's Craft** Students apply knowledge of author's craft to enhance the interpretation and construction of texts.
- **1.P.AC.3 Text Design** Consider the impact of text design on audience and purpose when consuming and producing texts across modes and genres.
- **1.L.V.1 General, Academic, & Specialized Vocabulary** Acquire and use general, academic, and specialized vocabulary words and phrases in a variety of settings.
- **1.L.V.3 Meaning & Purpose** Make connections between words and phrases and use reference materials to determine or clarify word meanings in a variety of settings and for a variety of purposes.
- **1.T.C.2 Authors & Speakers** Investigate the relationships between authors and speakers in texts.
- **1.T.T.1 Narrative Techniques** Identify and use narrative techniques to shape understanding.
- **1.T.T.4 Poetic Techniques** Identify and use poetic techniques to shape understanding.



- **1.T.RA.2 Curating Sources & Evidence** Reference parts of texts to address a specific topic or question and explore various sources of information to make connections across a broad range of topics.

Step Up to Science (2 – 8 years old)

Science Bar

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.

Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.
- **S1P2** Obtain, evaluate, and communicate information to demonstrate the effects of magnets on other magnets and other objects.

Laser Table

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Color Wheel



Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Colorful Shadows

Math

- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Prisms

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Pixel Pegs

Math

- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.

Science



- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Standing Wave Tube

Science

- **S1E1** Obtain, evaluate, and communicate weather data to identify weather patterns.
- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Touchable Sounds

Math

- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Air Cannon

Math

- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Norilla

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1E1** Obtain, evaluate, and communicate weather data to identify weather patterns.



Wentzcope

Math

- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Keva Planks

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Magnetic Racetrack

Math

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- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science



- **S1P2** Obtain, evaluate, and communicate information to demonstrate the effects of magnets on other magnets and other objects.

Music Makers

Math

- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.

Science

- **S1P1** Obtain, evaluate, and communicate information to investigate light and sound.

Tools for Solutions (10 months – 8 years)

Ball Machine

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Construction House

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.



- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

City Blocks

Math

- **1.PAR.3** Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Norilla

Math

- **1.MP** Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback. Set and monitor goals.
- **1.GSR.4** Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.
- **1.MDR.6** Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and analyze graphical displays of data to answer relevant questions.

Science

- **S1E1** Obtain, evaluate, and communicate weather data to identify weather patterns.