



## Children's Museum of Atlanta

### Curriculum Standards

#### On the Go Programs

#### **LIFE SCIENCE: Plants & Trees**

##### **Assembly Performance: Georgia Grown**

In this 20-minute musical, the Imaginators take your students on an imaginary journey.

**Workshop:** Growing Vegetable Soup – In this fun workshop, students will review what they learned from the Georgia Grown musical.

#### Pre-K

- **CD-SC3** - The child will demonstrate knowledge related to living things and their environments.
- **CD-SC3.4a** Observes, explores and describes a variety of animals and plants. Describes their basic needs and life cycles.
- **CD-SC3.4b** Discriminates between living and non-living things.

#### Kindergarten

- **SKE2.** Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air).
- **SKP1.** Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes.
- **SKL1.** Obtain, evaluate, and communicate information about how organisms (alive and not alive) and non-living objects are grouped.
- **SKL2.** Obtain, evaluate, and communicate information to compare the similarities and differences in groups of organisms.

#### 1<sup>st</sup> Grade

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

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

- **S2E3.** Obtain, evaluate, and communicate information about how weather, plants, animals, and humans cause changes to the environment
- **S2L1.** Obtain, evaluate, and communicate information about the life cycles of different living organisms.

#### 3<sup>rd</sup> Grade

- **S3E1.** Obtain, evaluate, and communicate information about the physical attributes of rocks and soils.

- **S3L1.** Obtain, evaluate, and communicate information about the similarities and differences between plants, animals, and habitats found within geographic regions (Blue Ridge Mountains, Piedmont, Coastal Plains, Valley and Ridge, and Appalachian Plateau) of Georgia.



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#### On the Go Programs

#### **EARTH SCIENCE: Weather**

**Assembly Performance:** Storm's a Brewin' – In this 20-minute musical, the Imaginators take your students on a magical journey to learn about the weather.

**Workshop:** Imaginators will share a science experiment with your students. Choose one from the following list:

Let's Evaporate! – Children will learn about evaporation and how works.

Funnel Madness- How does a tornado form? Children will create their own funnels in the classroom.

#### Pre-K

- **CD-SC2.4d** Uses appropriate vocabulary to discuss climate and changes in the weather.
- **CD-SC4.4a** Explores and describes position and movement of objects and toys.
- **CD-SC4.4b** Investigates and describes different types or speeds of motion.
- **CD-SC4.4c** Describes materials by their physical properties and states of matter.
- **CD-SC4.4d** Uses classroom objects to function as simple machines to enhance child directed play.

#### Kindergarten

- **S1E1.** Obtain, evaluate, and communicate weather data to identify weather patterns.
- **SKE2.** Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air).
- **SKP1.** Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes.

#### 1<sup>st</sup> Grade

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

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

- **SKP1.** Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes.
- **SKE2.** Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air).

### 3<sup>rd</sup> Grade

- S3P1. Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured.



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#### On the Go Programs

#### STEM on the Go!

Imaginator Scientists visit your classroom and share one of four workshop programs with your students:

- **Gloopy Glop (chemical reactions)\*:** In this workshop students will watch bubbles overflow and create slime that they can bring home!
- **Team Body vs. Team Germs:** Body systems and internal organs are explored, and children will learn strategies to keep their own Team Body strong against Team Germs!
- **Head in the Clouds (weather science):** Using a well-known song, children will explore the water cycle, and even get to experience a real cloud in their own classroom!
- **The Shocking Truth:** This lesson takes children through the basics of what electricity is and how we can use it.

#### Pre-K

- CD-SC1 - The child will demonstrate scientific inquiry skills.
- CD-SC2 - The child will demonstrate knowledge related to the dynamic properties of earth and sky.
- CD-SC3 - The child will demonstrate knowledge related to living things and their environments.
- CD-SC4 - The child will demonstrate knowledge related to physical science.

#### Kindergarten

- **SKE2.** Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air).
- **SKP1.** Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes.
- **SKP2.** Obtain, evaluate, and communicate information to compare and describe different types of motion

#### 1<sup>st</sup> Grade

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

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

- **SKP1.** Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes.
- **SKE2.** Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air).
- **S2P1.** Obtain, evaluate, and communicate information about the properties of matter and changes that occur in objects.
- **S2P2.** Obtain, evaluate, and communicate information to explain the effect of a force (a push or a pull) in the movement of an object (changes in speed and direction).
- **S2E3.** Obtain, evaluate, and communicate information about how weather, plants, animals, and humans cause changes to the environment.

### **3<sup>rd</sup> Grade**

- **S3P1.** Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured.



## Children's Museum of Atlanta

### Curriculum Standards

#### On the Go Programs

**SOCIAL STUDIES:** Social & Emotional Learning and Anti-Bullying

**Assembly Performance:** Big Hearts – Kids will enjoy this anti-bullying 20-minute musical.

**Workshop Description:** Through a series of task cards the children will complete team building activities

#### Pre-K

- SED1 - The child will develop self-awareness.
- SED2 - The child will engage in self-expression.
- SED3 - The child will begin to demonstrate self-control.
- SED4 - The child will develop relationships and social skills with adults.
- SED5 - The child will develop relationships and social skills with peers.

#### Kindergarten

- **SSKCG1** Demonstrate an understanding of good citizenship.
  - a. Explain how rules are made and why.
  - b. Explain why rules should be followed.
- **SSKCG2** Describe examples of positive character traits exhibited by good citizens such as honesty, patriotism, courtesy, respect, pride, and self-control.

#### 1<sup>st</sup> - 3<sup>rd</sup> Social Emotional Learning Enduring Understandings

- Develop self-awareness and self-management skills to achieve school and life success –
- Use social-awareness and interpersonal skills to establish and maintain positive relationships
- Demonstrate decision-making skills and responsible behaviors in personal, school, and community contexts
- Develop self-awareness and self-management skills to achieve school and life successes
- Use social-awareness and interpersonal skills to establish and maintain positive relationships and respect for cultural diversity
- Demonstrate decision-making skills and responsible behavior in individual, family, school, and community contexts



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#### On the Go Programs

#### **SOCIAL STUDIES:** Geography

**Assembly Performance:** Around the World in 20 Minutes – Master explorer Phineas Figg has just accepted a challenge from the International Explorers League to travel around the world—in 20 minutes!

**Workshop Description:** Dance Around the World – Travel with us as we dance our way through Asia, The Americas, Africa and Europe. Various dance routines will be highlighted (Asia- Fan Dance, The Americas- Hat Dance, Africa-African Dance, Europe- Polka Band Dance) and will encourage your students to get out of their seats to enjoy some culture and lots of fun!

#### Pre-K

- CD-SS3 - The child will demonstrate an awareness of geography in his/her community.
- CD-SS2.4b Explains diverse customs and cultural celebrations within the home, classroom and community.
- CD-SS2.4c Recognizes similarities and differences between own culture and that of others.

#### Kindergarten

- **SSKG1** Describe the diversity of American culture by explaining the customs and celebrations of various families and communities.
- **SSKG2** Explain that a map is a drawing of a place and a globe is a model of Earth.
  - a. Differentiate land and water features on simple maps and globes.
  - b. Explain that maps and globes show a view from above.
  - c. Explain that maps and globes show features in a smaller size.
- **SSKG3** State the street address, city, state, and country in which the student lives.

#### 1<sup>st</sup> Grade

- SS1G2 Identify and locate the student's city, county, state, nation (country), and continent on a simple map or a globe.
- SS1G3 Locate major topographical features of the earth's surface. a. Locate all of the continents: North America, South America, Africa, Europe, Asia, Antarctica, and Australia. b. Locate the major oceans: Arctic, Atlantic, Pacific, and Indian Ocean. c. Identify and describe landforms (mountains, deserts, valleys, and coasts).

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

- SS2G1 Locate and compare major topographical features of Georgia and describe how these features define Georgia's surface.



### **3<sup>rd</sup> Grade**

- SS3G1 Locate major topographical features on a physical map of the United States.
- SS3G2 Locate and describe the equator, prime meridian, and lines of latitude and longitude on a globe.



## Children's Museum of Atlanta

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#### On the Go Programs

#### **SOCIAL STUDIES:** Literacy Storytime Programming

Three great programs combine literacy and language building, with math and social learning to create great fun. These language rich lessons help your classroom build new vocabulary as well as learning other fun skills. Available only on Wednesdays.

**Jacob Lawrence in the City:** Explore Jacob Lawrence in the City with a splash of music and STEM as you bring this wonderful story to life. This fun workshop combines math and literacy to help children learn shapes and colors as they build their own cityscape.

**Mother Goose Rhymes:** Enjoy this interactive story session as Mother Goose or Father Gander join your classroom, read classic nursery rhymes, and share interactive vocabulary and learning through play activities with your students.

**Architecture and Engineering:** Jump into the fun world of engineering with this interactive STEM/Literacy session! Students will experience an interactive story then use math and engineering to create their very own three dimensional structures.

## Preschool and Pre-K Standards

### Literacy Understandings

- Standard: CLL1 - The child will listen to conversations and demonstrate comprehension.
- Standard: CLL2 - The child will acquire vocabulary introduced in conversations, activities, stories, and/or books.
- Standard: CLL3 - The child will use nonverbal communication for a variety of purposes.
- Standard: CLL4 - The child will use increasingly complex spoken language.
- Standard: CLL5 - The child will acquire meaning from a variety of materials read to him/her.
- Standard: CLL6 - The child will develop early phonological awareness (awareness of the units of sound).
- Standard: CLL7 - The child will demonstrate increasing knowledge of the alphabet.
- Standard: CLL8 - The child will demonstrate awareness of print concepts.

### Mathematics Understandings

- Standard: CD-MA1 - The child will organize, represent, and build knowledge of number and quantity.
- Standard: CD-MA2 - The child will manipulate, compare, describe relationships, and solve problems using number and quantity.
- Standard: CD-MA3 - The child will explore and communicate about distance, weight, length, height and time.
- Standard: CD-MA4 - The child will sort, seriate, classify, and create patterns.
- Standard: CD-MA5 - The child will explore, recognize and describe spatial relationships between objects.
- Standard: CD-MA6 - The child will explore, recognize and describe shapes and shape concepts.
- Standard: CD-MA7 - The child will use mathematical problem solving, reasoning, estimation, and communication.