

## Curricula at a glance

### Marvelous Explorations Through Science and Stories

- Free!
- 9 units with 12-16 lessons in each
- Take-Home Information/Experience Card, Head Start Domains and Indicator chart

### Peep and the Big Wide World

- Free!
- 6 units with 45 lessons in each unit
- Learning Center Materials, Curriculum Planner, Teaching Strategy Tips

### Great Explorations in Math and Sciencenter

- \$20-30 per lesson
- 9 units with varying numbers of lessons
- Library resources and literacy connections listed

### Early Childhood Hands-On Science

- Fee that varies by unit
- 9 units with 4 lessons per unit
- Scripted lessons with additional interactive cards

<b>Curriculum</b>	<b>Marvelous Explorations Through Science and Stories (MESS)</b>	<b>Peep and the Big Wide World</b>	<b>Great Explorations in Math and Science (GEMS)</b>	<b>Early Childhood Hands-On Science (ECHOS)</b>
<b>Age Group(s)</b>	Early childhood	3-5 with 0-2 age adaptations	Pre-K through 6th	3-4 years old
<b>Units</b>	Animals, Insects and Spiders, Investigating Water, Kitchen Science, My Body My Senses, Our Natural World, Physical Science, Plant Life, Prehistoric Life	Color, Plants, Ramps, Shadows, Sounds, Water	Animal Defenses, Ant Homes Under Ground, Eggs Eggs Everywhere, Elephants and Their Young, Hide a Butterfly, Ladybugs, Mother Opossums and Her Babies, Penguins and Their Young, Tree Homes	Rainy Weather, Beginning Botanist, Feathered Friends, Busy Buzzing Bees, Discovering Shells, Blocks Measure Up, Water Play, Astonishing Air, Magnificent Magnets
<b>Lessons Per Unit</b>	12 to 16	45	Varies by unit	4
<b>Additional Resources</b>	Take-Home Information/Experience Card, Head Start Domains and Indicator chart	Learning Center Materials, Curriculum Planner, Teaching Strategy Tips	Library resources and literacy connections are listed	Interactive cards (smaller activities that compliment the lessons)
<b>Scripted</b>	Outlined	Outlined	Yes	Yes
<b>Cost For Entire Curriculum</b>	FREE	FREE	\$20-30 per lesson	\$760 plus shipping
<b>Cost of Pre-Made Kits</b>	Material list provided	Material list provided	Materials list provided	Pre-made kits available with Varying cost (\$33.60 - \$189 per kit depending on unit)
<b>Professional Development Tools Included</b>	No	Yes	GEMS Associate training required for facilitator	Yes
<b>Developed by</b>	Florida Museum of Natural History	WGBH Educational Foundation	University of California, Berkeley, Lawrence Hall of Science	Frost Science
<b>Collaborative for Early Science Learning partner who uses this curriculum</b>	Sciencenter, Maryland Science Center	Sciencenter	Turtle Bay Exploratorium	Frost Science and Sciencenter
<b>For more information – use these terms in your search</b>	MESS curriculum, Marvelous Explorations Through Science and Stories, Head Start Science curriculum	PEEP curriculum, Peep and the big wide world, WGBH science curriculum, contact a CESL partner	LHS GEMS curriculum, Berkeley science curriculum, Lawrence Hall of Science curriculum, contact a CESL partner	ECHOS science, STEM Professionals – Frost Science, Miami Science Museum curriculum, contact a CESL partner

## Credits and rights

Developed by the Sciencenter for the Collaborative for Early Science Learning.

Contact: Lauren Van Derzee, [lvanderzee@sciencenter.org](mailto:lvanderzee@sciencenter.org)

Copyright 2017, Sciencenter, Ithaca NY



This project was made possible in part by the Institute of Museum and Library Services