## Correlation of GEMS to the Louisiana Content Standards for Science

### Grade Level Expectations

<table>
<thead>
<tr>
<th>Pre-Kindergarten</th>
<th>Fifth Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eggs Eggs Everywhere</td>
<td>GEMS Space Science Sequence for Grades 3-5</td>
</tr>
<tr>
<td>Penguins and Their Young</td>
<td>Aquatic Habitats</td>
</tr>
<tr>
<td></td>
<td>Messages From Space</td>
</tr>
</tbody>
</table>

### Kindergarten
- Sifting Through Science
- Tree Homes

### First Grade
- Matter
- Ant Homes Under the Ground

### Second Grade
- Involving Dissolving
- Terrarium Habitats

### Third Grade
- Electric Circuits (Part 1)
- On Sandy Shores

### Fourth Grade
- Electric Circuits (Part 2)
- Earth, Moon & Stars
- Schoolyard Ecology

### Middle School:

#### Grade 6
- Discovering Density
- Dry Ice Investigations
- Invisible Universe
- Color Analyzers

#### Grade 7
- Environmental Detectives
- Life Through Time

#### Grade 8
- Plate Tectonics
- Convection: a Current Event
- Earth, Moon & Stars
- The Real Reasons For Seasons
- Global Warming

For an alphabetical listing of all the curriculum units shown here, with links to detailed descriptions and purchasing information, please see [http://www.lhsgems.org/gemsguides.html](http://www.lhsgems.org/gemsguides.html)