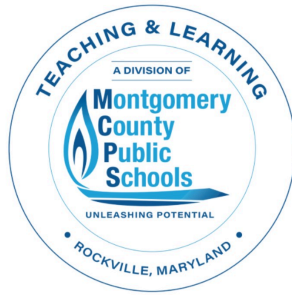


**Page-Turners & Big Ideas**  
**Spanish One-Way Immersion | Fourth Grade: Quarter One**

<p><b>Spanish Language Arts</b>  <u><b>HMH ¡Arriba la Lectura! Grade 4 Literature</b></u></p> <p><b>¿Por qué somos como somos?</b>  <b>Textos:</b> Flora y Ulises: Las aventuras iluminadas          ¡Sí! Somos latinos   El año de la rata          Kioto el Magnífico</p> <ul style="list-style-type: none"> <li>● <b>Palabras clave:</b> identidad, experiencia, meta, sabiduría</li> </ul> <p><b>La razón de los sentidos</b>  <b>Textos:</b> La ciencia detrás de la vista          La asociación del pez payaso y la anémona de mar   Ambición ciega   El juego del silencio</p> <ul style="list-style-type: none"> <li>● <b>Palabras clave:</b> percepción, aroma, distinguir, táctil</li> </ul>	<p><b>Math 4</b>  <u><b>Grade 4 Parent Roadmap</b></u></p> <p><b>Place Value, Rounding, and Algorithms for Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>● <b>Key Terms:</b> millions, ten millions, hundred millions; ten thousands, hundred thousands; variables</li> </ul> <p><b>Unit Conversions and Problem Solving with Metric Measurement</b></p> <ul style="list-style-type: none"> <li>● <b>Key Terms:</b> convert; kilometer; mass; milliliter; mixed units</li> </ul> <p><b>Multi-Digit Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>● <b>Key Terms:</b> associative property; composite number; distributive property; divisible; divisor; formula; long division; partial product; prime number; remainder</li> </ul>
<p><b>Social Studies</b>  <u><b>United States History: Pre-colonial Period - 1777</b></u>  <b>Worlds Collide (1300-1650 C.E.)</b>          Students review indigenous West African and Eastern North</p>	<p><b>Math 4/5</b></p> <p><b>Place Value, Rounding, and Algorithms for Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>● <b>Key Terms:</b> millions, ten millions, hundred millions; ten thousands, hundred thousands; variables</li> </ul> <p><b>Unit Conversions and Problem Solving with Metric Measurement</b></p> <ul style="list-style-type: none"> <li>● <b>Key Terms:</b> convert; kilometer; mass; milliliter; mixed units</li> </ul> <p><b>Multi-Digit Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>● <b>Key Terms:</b> associative property; composite number; distributive property; divisible; divisor; formula; long division; partial product; prime number; remainder</li> </ul> <p>** The Board of Education adopted the mathematics curriculum, “Eureka Math” by Great Minds.</p> <p><b>Science</b>  <u><b>Light and Sound Movement</b></u>          Students explore how energy moves and changes form through sound, light, heat, and electricity. They build instruments,</p>



## Page-Turners & Big Ideas

American cultures before the 1400s. They analyze the impact of European explorers in North America and describe early European settlement in the New World.

- **Key Terms:** society, politics, economy, culture, religion, Islam, West Africa, American Indian Nations, European explorers, Age of Discovery, Columbian Exchange, disease, Puritan, Catholic, charter, indentured, Protestant

Note: Social Studies standards are integrated throughout the unit. The standards are History, Civics, Peoples of the Nations and World, Economics, Geography, and Social Studies Skills.

*\*\*No core instructional textbook*

circuits, solar ovens, and a Rube Goldberg machine to see firsthand how energy transfers and converts from one form to another.

- **Key Terms:** energy, transfer of energy, sound energy, light energy, heat/thermal energy, electrical energy, conversion of energy, circuit, Rube Goldberg Machine

*\*\*No core instructional textbook*

[These](#) supplemental instructional materials might also be included in fourth grade. Supplemental materials are additional approved books for teachers to use to teach a topic. Ask your child's teacher for more information about supplemental materials used in your child's classroom. If any listed instructional material conflicts with your family's sincerely held religious beliefs, you may request your child's excusal by submitting [this request form](#). For additional information, visit [our website](#).

**Families:** Put this on your refrigerator and review at home!