

## 2010-2011 Fourth Grade Curriculum Map

The following are general topic areas and intended timelines for instruction. The topics and resources listed are only samples, not a complete listing. Topics are listed in the month they are most likely to be taught, but may occur earlier or later than indicated.

	<b>CLA</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>
<b>September</b>	Topic: New School year, new Aspiration <ul style="list-style-type: none"> <li>• Objects in Our Daily Life</li> <li>• Reviewing Pinyin and Tones</li> <li>• Children's Poems: Reading &amp; Writing</li> <li>• Weather Forecast</li> </ul>	<b>Whole Numbers</b> <ul style="list-style-type: none"> <li>■ Numbers to 100,000</li> <li>■ Rounding off numbers</li> <li>■ Factors</li> <li>■ Multiples</li> </ul>	Scientific Inquiry: Observation Meteorology	-Being a role model
<b>October</b>	Topic: Chinese History <ul style="list-style-type: none"> <li>• Emperors in the ancient time</li> <li>• The Silk Road</li> </ul>	<b>Multiplication and Division of Whole Numbers</b> <ul style="list-style-type: none"> <li>■ Multiplication by a 1-digit number</li> <li>■ Division by a 1-digit number and by 10</li> <li>■ Multiplication by a 2-digit number</li> </ul>	Life Science: Human Interactions with Earth System	- Introduce the Old Time: From Huangdi to Han Dynasty Middle Ages--Comparison between Western and Eastern history (English Class)
<b>November</b>	Topic: Functions of our body <ul style="list-style-type: none"> <li>• Importance of Exercise</li> <li>• Story of William Harvey</li> </ul>	<b>Fractions</b> <ul style="list-style-type: none"> <li>■ Adding fractions</li> <li>■ Subtracting fractions</li> <li>■ Mixed numbers</li> </ul>	Human Body: Circulatory System Respiratory System	-American Revolution (English Class)
<b>December</b>	Topic: Electricity & Our Life <ul style="list-style-type: none"> <li>• Electricity &amp; Our Life</li> <li>• A Day Without Electricity</li> </ul>	<b>Fractions</b> <ul style="list-style-type: none"> <li>■ Improper Fractions</li> <li>■ Fractions of a set</li> </ul> <b>Tables and Graphs</b> <ul style="list-style-type: none"> <li>■ Presenting Data</li> </ul>	Physical Science: Energy Electrical Circuits & Electricity	- American Government (English Class)
<b>January</b>	Topic: Legends and Myths in China <ul style="list-style-type: none"> <li>• Topics related to Chinese New Year</li> <li>• Selections from Traditional Chinese Fables/Chinese Myths</li> </ul>	<b>Angles</b> <ul style="list-style-type: none"> <li>■ Measuring Angles</li> </ul> <b>Probability</b> <ul style="list-style-type: none"> <li>■ The Study of Chance</li> </ul>	Early Chinese Inventions: Scientific Minds and Methods	- Freedom & Democracy (English Class) - China: Belief & Culture -China: Silk Road
<b>February</b>	Topic: Early Chinese Inventions and the Inventions in the World <ul style="list-style-type: none"> <li>• Early Chinese Inventions</li> <li>• Selections stories from the world</li> <li>• Report Writing</li> </ul>	<b>Perpendicular and Parallel Lines</b> <ul style="list-style-type: none"> <li>■ Perpendicular lines</li> <li>■ Parallel Lines</li> </ul>	Early Chinese Inventions: Paper, Printing, Gun Powder, and Compass	-New Discovery: American Revolution (English Class)
<b>March</b>	Topic: Religion and our Culture <ul style="list-style-type: none"> <li>• Buddhism/Islam/Christianity</li> <li>• Interview Writing</li> </ul>	<b>Area and Perimeter</b> <ul style="list-style-type: none"> <li>■ Rectangles and Squares</li> <li>■ Composite Figures</li> </ul>	Chemistry: Atoms, matter, elements, and Solution	- World Religions: Buddhism/Islam/Christianity - Spread of Islam & "Holy Wars"
<b>April</b>	Topic: Making Earth a Better Place to Live <ul style="list-style-type: none"> <li>• Dreamer</li> <li>• A Visit to Glacier National Park</li> </ul>	<b>Review 4A &amp; 4B Math            Preparation and Review Math Lessons            MCA-II</b>	Taking Care of Our Earth Global Warming Energy resources Recycling	-Leading the Way: Early Presidents & Reformers (English Class)
<b>May/June</b>	Topic: A Not-Well-Know Land-Africa <ul style="list-style-type: none"> <li>• The Africa I Know</li> <li>• A trip to Africa</li> <li>• Diary Writing</li> </ul>	<b>Challenge Math and creative math story</b>	Earth & Space Science: Rock, Mountain, Earth Layers	- Early & Medieval African Kingdoms -Becoming Good World Citizens



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