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| **Month** | **Chinese Language Arts** | **Math** | **Social Studies** | **Science** | |
| **September** | **Topic I: “三兄弟” Three Brothers Topic II: “猜猜我是谁?” Who Am I?**   * Characteristics; comparing/contrasting * Personality * Hobbies * Animal characteristics * Problem solving | **Numbers to 100,000**   * Ten thousands, Hundreds, Tens, and ones * Number Patterns   **Addition and Subtraction**   * Sum and Difference * Adding Ones, Tens, Hundreds, Thousands, and Ten thousands * Two-step Word Problems | **World Geography:**   * Map skills: cardinal directions, map keys/legends with symbols * Configuration of the Earth, continent, country, state, city, community, home | **Life Science:**   * Animal classification: mammals, reptiles, birds, fish, and amphibians * Vertebrates and invertebrates * Comparing and contrasting animal characteristics | |
| **October** | **Topic I : “秋天的信“ The Letter from Autumn**  **Topic II: “动物的行为和环境” Animal Migration**   * Discovering changes: seasonal changes, animal migration * Seasonal changes * Animal characteristics | **Multiplication and Division**   * Looking Back * Word Problems * Multiplying Ones, Tens and Hundreds * Quotient and Remainder * Dividing Hundreds, Tens and Ones | **World Geography:**   * Landforms * Topographical terms | **Life Sciences:**   * Animal classification: mammals, reptiles, birds, fish, and amphibians * Vertebrates and invertebrates * Comparing and contrasting animal characteristics | |
| **November** | **Topic: “看星星” Star Gazing**   * Ancient times & legends * Constellations * Problem solving * Story telling | **Multiplication Tables of 6, 7, 8 and 9**   * Looking Back * Multiplying and Dividing by 6 * Multiplying and Dividing by 7 * Multiplying and Dividing by 8 * Multiplying and Dividing by 9 | **Early Explores in North America/Canada:**   * Geography of North America * Famous and important people in history * Christopher Columbus | **Astronomy:**   * Solar system: eight planets, the Sun, and the moon * Orbit; rotation and revolution | |
| **December** | **Topic I : “小威的故事“ The Vikings**  **Topic II: “舅舅的新家” Uncle’s New House**   * Exploring the world * Immigration * New home * Housing * Describing things | **Money**   * Dollars and Cents * Addition * Subtraction | **Early Explores in North America/ Canada:**   * The Vikings and Viking ships * Chronological order and timelines | **Astronomy:**   * Moon phases, solar eclipse and lunar eclipse * Constellations; comets; meteors * The Big Dipper and the Pole Star | |
| **January** | **Topic: “老鼠嫁女儿” The Mouse Bride**   * Chinese New Year * Chinese Weddings * Heroic search | **Length**   * Meters and Centimeters * Kilometers * Yards, Feet and Inches * Miles | **Ancient China:**   * Chronological order of 25 dynasties * Qin Dynasty and its emperor: Qin Shi Huang * Famous and important people in history | **Human Body:**   * Structures and functions of the skeletal and muscular systems | |
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| **Month** | **Chinese Language Arts** | **Math** | **Social Studies** | **Science** |
| **February** | **Topic: “饺子的由来“ Story of Jiao-Zi**   * Celebration of our lives * Chinese New Year * Celebrations * Wishes * Out with the old, in with the new | **Weight**   * Kilograms and Grams * Word problems * Pounds and Ounces   **Graphs**   * Bar Graphs | **Ancient China:**   * Famous and important people in history * Civic value and society * Great achievements and failures of Qin Shi Huang | **Human Body:**   * Voluntary and involuntary muscles * Marrow, compact bone, and spongy bone * Ligament, tendon, and cartilage |
| **March** | **Topic: “南丁格尔的故事” Story of Florence Nightingale**   * Humanity; thoughtfulness * Sympathy * Helping others | **Fractions**   * Fraction of a Whole * Equivalent Fractions   **Geometry**   * Angles * Right Angles | **Ancient Rome:**   * Geography of the Mediterranean region * Background of the founding and growth of Rome * The Kingdom, the Republic, and the Empire of Rome * Famous and important people in history * Civic value and society * Chronological order and timelines | **Human Body:**   * Light and vision: parts and functions of the human eye/refraction and reflection |
| **April** | **Topic: “发明电灯的爱迪生” Thomas Edison**   * Famous people; science biographies * Ecology * Discovery * Being a scientist | **Areas and Perimeter**   * Area * Perimeter * Area of a Rectangle   **Capacity**   * Liters and Milliliters * Gallons, Quarts, Pints and Cups | **Great Rivers of the World:**   * Formation of rivers * Locate major rivers on a map * Rivers and civilization | **Human Body:**   * Sound and hearing: parts and functions of the human ear/vibration and sound waves |
| **May/June** | **Topic: “北极熊“ Polar Bears**   * Conservation & the future world * Go green * Environmental-Friendly | **Time**   * Hours and Minutes * Other Units of Time * Review | **Native Americans:**   * Ice age and its background * Geography of North America * Inuit and Anasazi | **Ecology:**   * Food chain: producer, consumer, and decomposer * Ecosystem: desert, grassland, ocean, and rain forest * Cause and Effect: air, water, and land pollution * Conservation and recycling |