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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
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| **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
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| **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
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| **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
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| **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
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| **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
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| **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
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| **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
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