|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | August | September | October | November | December | January | | February | March | April | | May | | | June |
| Unit of Study | Choices | | | | Journeys | | | | | Identity | | | | | |
| Transdisciplinary themes (PYP) | How the World Works | | Sharing the Planet | | How do we organize ourselves | | | How do we express ourselves | | Who we are | | | | Where are we in place and time | |
| Science Topic | Water Planet | | | | Chemistry | | | | | Human Body/Plants | | | | | |
| History | Native Americans/Regions | | Explorers | | Colonies | | | Slavery | | American Revolution | | | 50 states | | |
| Writing | Personal Essay | | | | Personal Narrative | | | | | Persuasive | | | | | |
| ELA HM Theme stories | Theme 1 – “Nature’s Fury”   * *Earthquake Terror* * *Eye of the storm* * *Volcanoes* | | Theme 2 – “Give it your all”   * Michelle Kwan * La Bamba * The Fear Place * Mae Jemison | | Theme 3 – “Revolution”   * And then what happened to Paul Revere * Katie’s Trunk * James Forten | | Theme 4 – “Person to person”   * Mariah Keeps Cool * Mom’s Best Friend * Yang the Second and her secret admirers * Dear Mr. Henshaw | | | Theme 5 – “one land many trails”   * A boy called slow * Pioneer Girl * Black cowboy, wild horses * Elena | | | | Theme 6 – “Animal Encounters”   * The Grizzly Bear Family Book * *The Gold Lion Tamarin Comes Home* | |
| Math Topics | * Topic 1 (Numeration) * Topic 2 (Addition and Subtraction Number Sense) * Topic 3 (Reviewing Multiplication of Whole Numbers) * Topic 4 (Division of Whole Numbers) * Topic 5 (Variables and Expressions)   Math benchmark #1: October 16-18 | | | * Topic 6: Multiplying Decimals * Topic 7: Dividing Decimals * Topic 8: Shapes * Topic 9: Factors and Multiples * Topic 10: Fractions, Mixed Numbers, and Decimals   Math Benchmark #2: December 19-21 | | | * Topic 11: Adding and Subtracting Fractions and Mixed Numbers * Topic 12: Multiplying and Dividing Fractions and Mixed Numbers * Topic 13: Length, Perimeter, Area * Topic 14: Solids * Topic 15: Integers   Math Benchmark #3: March 12-13 | | | | * Topic 16: Solving and Writing Equations * Topic 17: Percents * Topic 18: Equations and Graphs * Topic 19: Graphs and Data * Topic 20: Constructions   Math Benchmark #4: May 13-15 | | | | |
| Projects | * Engineering Unit * Weather Unit * Personal Essay via Google Doc Story | | | | * Mystery Festival * Chemistry Poetry Books * Architecture Project | | | | | * State projects * State Cake * Operation Casita/Health Expo | | | | | |
| Community Outreach | * Weather Film Festival | | | | * Felix Mystery Courtroom * Poetry Slam: Open Mic Afternoon | | | | | * Spelling Bee * History Day Project Rotations with Colonial Influenced States and Architecture focus * Operation Casita Health Expo | | | | | |
| Software & Hardware Tools Utilized | * World Wide Web * Youtube * Digital Portfolios via Weebly * Google Apps * Google Doc Story Builder * Photo Booth (Green Screening) * Edheads Weather Prediction and Forecast Simulation | | | | * World Wide Web * Mystery Festival by LHS * Autodesk’s Homestyler (for digital blueprints) * Google Apps * Weebly Blogs | | | | | * World Wide Web * Google Apps | | | | | |
| Field Trips | * Channel 10 News Station | | | | * Ocean Institute (at Dana Point) | | | | | * Tri City Hospital * The WAVE/Legoland Water Park | | | | | |