Blue Oak Charter School Curriculum Matrix at a Glance

1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade
Language Arts Writing Phonics Reading Fairy Tales	**Language Arts** Cursive writing Basic grammar & punctuation Reading	**Language Arts** Cursive writing Writing skills Spelling Sentence structure Punctuation Reading Comprehension	**Language Arts** Descriptive writing Creative writing Spelling & Grammar Reading Comprehension Poetry	**Language Arts** Creative, Expository, and Narrative writing Research papers Spelling & Grammar Reading Comprehension	**Language Arts** Expand writing skills Research papers Business letters Reading Non-fiction & fiction Poetry	**Language Arts** Creative writing Classical literature Spelling & Grammar	**Language Arts** Composition Short stories Letters Spelling & Grammar Shakespearean drama
Social Studies Fairy Tales	**Social Studies** Animal Fables & Folk Tales, Legends Native American stories	**Social Studies** Hebrew Myths Geography Cooking	**Social Studies** Norse Myths & Sagas California & Local History Geography	**Social Studies** Ancient cultures- India, Persia, Egypt, Greece Geography/US history	**Social Studies** Ancient to Modern history Ancient cultures - Americas	**Social Studies** Curricular themes- the Renaissance, Reformation and the Age of Exploration	**Social Studies** American History World economics Industrial and Scientific Revolution
Mathematics Addition Subtraction Multiplication Division	**Mathematics** +,-,×,÷ Simple story problems	**Mathematics** +,-,×,÷ Measurement: volume, length, weight, time, and money Story problems	**Mathematics** Adv. Multiplication Long division Fractions Story problems	**Mathematics** Fractions Decimals Metric system Intro. to Geometry	**Mathematics** Geometry Ratios Percentages Mastery in whole, fraction and decimals Business math	**Mathematics** Mathematical theory Intro. to Algebra Geometry	**Mathematics** Intermed. Algebra Geometry Practical applications of Arithmetic
Sciences Nature based obs.: stories, projects & walks Living dynamic Earth Plants, animals, & people Seasonal & weather changes	**Sciences** Nature based obs. Plant & animal life cycles Plant & animal needs Wholeness of nature Interconnection Earth components & features Sun/moon movement	**Sciences** Plant & animal structures Gardening/farming Building structures Intro. Energy: light Earth science: water Local physical geog. Sun/moon changes tracked	**Sciences** Animal Kingdom Organisms, Ecosystems & Environment Physical geography: -landscapes development, California, local watershed	**Sciences** Plant Kingdom Organisms, Ecosystems & Environment Physical geography: hydrologic cycle	**Sciences** Astronomy Physics (sound, light, heat, magnets, electrostatics) Geology Earth life history: Evolution Physical Geography Health/Sex Ed.	**Sciences** Astronomy Physics (mechanics) Properties of matter Inorganic chemistry Biology(cell/genetics) Physiology Nutrition	**Sciences** Physics (acoustics, optics, heat, electromagnetism) Hydraulics & hydrostatics Organic chemistry Physiology-Anatomy Physical Geography: meteorology
Foreign Language Spanish	**Foreign Language** Spanish	**Foreign Language** Spanish	**Foreign Language** Spanish	**Foreign Language** Spanish	**Foreign Language** Spanish	**Foreign Language** Spanish	**Foreign Language** Spanish
Musical Arts Pentatonic Flute Singing	**Musical Arts** Pentatonic Flute Singing	**Musical Arts** Intro. Recorder Violin Singing (rounds)	**Musical Arts** Intro. Recorder Violin Singing (harmony)	**Musical Arts** Intermed. Recorder Violin Singing (choral)	**Musical Arts** Adv. Recorder Violin or other string instrument Singing (2-3 part choruses)	**Musical Arts** Adv. Recorder Violin or other string instrument Singing (choral)	**Musical Arts** Adv. Recorder Violin or other string instrument Singing (choral)
Craft & Visual Arts Beeswax modeling Painting Knitting	**Craft & Visual Arts** Beeswax modeling Painting Form Drawing Crayon Drawing Knit Purl	**Craft & Visual Arts** Beeswax modeling Painting Form Drawing Crochet Building structures	**Craft & Visual Arts** Animal Form Painting Form Drawing Cross Stitch	**Craft & Visual Arts** Drama Painting Calligraphy 4 Needle Knitting	**Craft & Visual Arts** Drama Painting Calligraphy Wood working Hand Sewing	**Craft & Visual Arts** Painting Calligraphy Perspective Drawing Wood working Hand Sewing	**Craft & Visual Arts** Drama Painting Calligraphy Wood working Machine sewing
Physical Activity Games Recess	**Physical Activity** Games Recess	**Physical Activity** Games Recess	**Physical Activity** Games Recess	**Physical Activity** Games Recess	**Physical Activity** Games Recess	**Physical Activity** Games Recess	**Physical Activity** Games Recess