

BRIGHT WATER SCHOOL

CURRICULUM OVERVIEW: The following is a summary of subjects by grade level. Teachers may choose to expand or modify lesson content based on areas of interest and class capabilities.

Grade	Mathematics	Language Arts	Science	Geography	History & Literature	World Languages (Spanish & Japanese)	Movement Education	Music	Art	Practical Arts
GRADE 1	<ul style="list-style-type: none"> Whole numbers Odd and even numbers Number patterns, sequences and relationships Addition, subtraction, multiplication and division Estimation Roman numerals Geometric forms (freehand) Mental arithmetic Word problems 	<ul style="list-style-type: none"> Letter forms and sounds Letter blends Word families Oral recitation Writing words and sentences Reading, starting with own writing as text 	<ul style="list-style-type: none"> Natural environment through stories and observation 	<ul style="list-style-type: none"> Exploration and observation of immediate surroundings 	<ul style="list-style-type: none"> Fairy tales and stories from around the world 	<ul style="list-style-type: none"> Songs Poems Stories Colors Numbers Vocabulary: salutations, seasons, nature, and animals Games 	<ul style="list-style-type: none"> Circle games Hand clapping games Eurythmy 	<ul style="list-style-type: none"> Seasonal songs Pentatonic flute 	<ul style="list-style-type: none"> Drawing: curved and straight lines, patterns, letters and numbers, pictures from stories Watercolor painting: wet brush on wet paper using primary colors Beeswax modeling 	<ul style="list-style-type: none"> Finger knitting Two needle knitting: garter stitch (flute cases, simple animals) Simple sewing
GRADE 2	<ul style="list-style-type: none"> Addition, subtraction, multiplication and division Number sequence and relationships System of place value Borrowing and carrying Multiplication tables (with movement, practice and recitation) Geometric forms (freehand) Mental arithmetic Word problems Estimation 	<ul style="list-style-type: none"> Upper and lower case letters Punctuation, sentence formation and spelling Introduction to cursive writing Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Animal stories and fables Natural environment through observation of local habitats 	<ul style="list-style-type: none"> Environments through observation World cultural geography through stories 	<ul style="list-style-type: none"> Animal fables from around the world Virtue stories from around the world 	<ul style="list-style-type: none"> Songs Poems Stories Larger numbers Vocabulary: family, animals, nature and food Games 	<ul style="list-style-type: none"> Cooperative games Hand clapping games Jump rope Circle dances Eurythmy 	<ul style="list-style-type: none"> Folk songs Simple rhythms Pentatonic flute 	<ul style="list-style-type: none"> Drawing: symmetry, running forms, pictures from stories Watercolor painting using secondary colors Beeswax or clay modeling 	<ul style="list-style-type: none"> Handcraft knitting needles Knitting: knit and purl, shaping, increase and decrease, fair isle patterns, and finishing (gnomes and animals) Sewing and embroidery
GRADE 3	<ul style="list-style-type: none"> Multiplication tables (with movement, practice and recitation) Addition, subtraction, multiplication and division with larger numbers Long division Time, money, and weights Liquid measurement Linear measurement (ruler) Scale models (house building) Geometric forms (freehand) Estimation 	<ul style="list-style-type: none"> Introduction to parts of speech Spelling Cursive writing Student composition Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Human activity in nature: farming, gardening, and house building Grains, textiles and shelters from around the world Cooking and measurement 	<ul style="list-style-type: none"> World cultural geography through study of grains, textiles, shelters, food production, and farming around the world 	<ul style="list-style-type: none"> Hebrew legends Native American legends Comparative studies of early housing, food, and textiles around the world. 	<ul style="list-style-type: none"> Songs Poems Stories Conversation: basic responses to inquiries and complex commands Food and cooking Vocabulary: housing, times of day, week and year 	<ul style="list-style-type: none"> Cooperative games: running and tagging, ball throwing and catching, circle games Hand clapping games Jump rope Circle dances, Hebrew folk dances Eurythmy 	<ul style="list-style-type: none"> Singing in rounds Rhythms Pentatonic flute Introduction to music notation 	<ul style="list-style-type: none"> Drawing: symmetry, man and nature, pictures from stories Watercolor painting: nature, seasonal, and images from stories 	<ul style="list-style-type: none"> Crochet: chain, single and double stitch (hats, bags, hacky sacks, accessories) Gardening Cooking Wood building projects: bird houses, book shelves, shelters
GRADE 4	<ul style="list-style-type: none"> Long division Fractions Factoring Prime numbers Geometric forms (freehand) Continued math facts drill work Mental arithmetic Word problems Rounding Estimation 	<ul style="list-style-type: none"> Parts of speech Grammar rules Spelling Student composition Creative writing Letter writing Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Zoology Human and animal comparative studies 	<ul style="list-style-type: none"> Local geography Washington State geography Mapmaking 	<ul style="list-style-type: none"> Norse Mythology Seattle and Washington history Native American history Local North American early settlers 	<ul style="list-style-type: none"> Songs Poems Writing basic paragraphs Reading Basic grammar: parts of speech, verb conjugations (Spanish) Vocabulary building Conversation: responding to questions in full sentences Hiragana and Katakana alphabets (Japanese) 	<ul style="list-style-type: none"> Running games, tag games Team games with simple rules Ball games Line games Circus Arts Eurythmy 	<ul style="list-style-type: none"> Singing: major and minor key, rounds Recorder Strings: violin or cello Music notation 	<ul style="list-style-type: none"> Drawing: interlocking and braided knot forms Native American motifs Nordic forms Norse myth illustration Watercolor painting: landscapes, seasonal scenes, and animals 	<ul style="list-style-type: none"> Cross stitch: symmetrical patterns (book mark, pencil case) Embroidery Basket weaving Whittling

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GRADE 5	<ul style="list-style-type: none"> Fractions Decimals Averages Area and perimeter Freehand geometry Spiraling of math functions through practical application Continued practice in measurement Mental arithmetic Word problems Estimation Math in history 	<ul style="list-style-type: none"> Grammar Spelling Composition Creative writing Letter writing Research skills Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Botany Ecology of natural habitats Scientific diagrams 	<ul style="list-style-type: none"> North America Mediterranean region Mapmaking with focus on centers of ancient civilizations 	<ul style="list-style-type: none"> Ancient History and Mythology: India, Persia, Mesopotamia, Egypt, Greece North American culture Ancient epics Biographies 	<ul style="list-style-type: none"> Songs Poetry Grammar Writing Vocabulary building Reading Conversation: descriptive sentences and responding to questions 	<ul style="list-style-type: none"> Sports skills: ball games, running and tagging games Greek pentathlon: discus, javelin, long jump, Greek wrestling, running Folk dances Eurythmy 	<ul style="list-style-type: none"> Music notation with recorder and strings Singing Recorder Strings 	<ul style="list-style-type: none"> Freehand geometric drawing Dynamic drawing and illustration Drawing from nature and life Watercolor painting: plant life, ancient cultures 	<ul style="list-style-type: none"> Four needle knitting (hand warmers, gloves or socks) Stitch patterns: cable, ribbing and seed stitch Woodwork: hand-chiseled and sanded forms (convex forms)
GRADE 6	<ul style="list-style-type: none"> Ratio Proportion Business math: profit and loss, discount, interest Estimation, percentage Graphs and charts Geometry calculations with compass and protractor Divisibility rules Pre-algebra Math in history 	<ul style="list-style-type: none"> Grammar Spelling Composition Creative writing Expository writing Sentence diagramming Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Geology Physics: light, heat, acoustics, magnetism, and electricity Ecology and biomes 	<ul style="list-style-type: none"> World Geography: lands and oceans Cultural Geography: religions, traditions, lifestyles Rise of global economics Mapmaking 	<ul style="list-style-type: none"> Roman history Medieval history and reformation Islamic history Tales of chivalry Ballads Biographies 	<ul style="list-style-type: none"> Literature History Geography Grammar Vocabulary building Reading Writing Basic conversation Basic writing 	<ul style="list-style-type: none"> Sports skills: ball games, running and tagging games Medieval games: archery, stilt walking, and teamwork games Eurythmy 	<ul style="list-style-type: none"> Music theory Two and three part harmonies Singing Recorder Strings or band 	<ul style="list-style-type: none"> Geometric drawing using compass, straight edge and protractor Art studies and replicas from history Light and shadow Charcoal and pastel drawing Calligraphy and illuminated letters Watercolor painting: landscapes and color contrasts 	<ul style="list-style-type: none"> Hand sewing: pattern design, three dimensional objects (animals) Woodwork: bowls, spoons, or boats
GRADE 7	<ul style="list-style-type: none"> Algebra: order of operations, exponents Geometry Irrational numbers Negative integers Cartesian graphs Metric system Math in history 	<ul style="list-style-type: none"> Grammar Spelling Composition Subjunctive Creative writing Research papers Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Human physiology Nutrition First Aid and CPR Physics Mechanics Astronomy Inorganic chemistry: combustion, acids and bases, crystallization 	<ul style="list-style-type: none"> World Geography: lands and oceans Cultural Geography: religions, traditions, and lifestyles Global economics Mapmaking 	<ul style="list-style-type: none"> 1400-1700 Renaissance Age of exploration Shakespeare Biographies 	<ul style="list-style-type: none"> Reading Writing: essays, poetry and haiku Grammar Vocabulary building Biographies Geography Basic conversation 	<ul style="list-style-type: none"> Sports skills: ball games, running and tagging games, track and field Team sports Eurythmy 	<ul style="list-style-type: none"> Singing Strings or band Recorder Music Lab 	<ul style="list-style-type: none"> Perspective drawing Proportion studies Art studies and replicas from history Charcoal and pastel drawing Watercolor painting Clay modeling Introduction to various art mediums 	<ul style="list-style-type: none"> Hand sewing: Waldorf dolls or marionettes, and clothing Woodwork: toys with moveable parts
GRADE 8	<ul style="list-style-type: none"> Algebra-algebraic theorems, factoring algebraic expressions, solving equations with two unknowns Practical applications Graphing equations Plane and solid geometry Scientific notation Square root algorithm Exponential growth formula Math in history 	<ul style="list-style-type: none"> Grammar Spelling Composition Creative writing Short story form Research papers Poetry Speech and drama Reading 	<ul style="list-style-type: none"> Physics: hydraulics, aerodynamics, and meteorology Anatomy Organic chemistry: proteins, fats, and carbohydrates 	<ul style="list-style-type: none"> World Geography: lands and oceans Cultural Geography: religions, traditions, and lifestyles Global commerce and economics Mapmaking 	<ul style="list-style-type: none"> Modern History Revolutions in politics and industry Civil rights movement Biographies 	<ul style="list-style-type: none"> Reading and retelling of stories Grammar Writing essays Vocabulary building Biographies Literature Conversation 	<ul style="list-style-type: none"> Sports skills: ball games, running and tagging games, track and field Team Sports Eurythmy 	<ul style="list-style-type: none"> Singing Strings or band Recorder Music Lab 	<ul style="list-style-type: none"> Art studies and replicas from history Self-Portraiture Charcoal and pastel drawing Advanced pencil techniques Watercolor painting Clay Multi-media artwork 	<ul style="list-style-type: none"> Pattern theory and design Machine sewing (pillow cases and clothing) Woodwork: dovetail joint boxes and/or stools