

Christian Life Preparatory School

Math 1 Syllabus

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Course Description

This course produces mastery of addition and subtraction facts and an introduction to multiplication.

Parental Role: Co-Teacher

Curriculum

Saxon 2

Course Objectives

The student will:

- review skip counting
- identify and compare numbers, including using comparison symbols
- identify fractions
- measure using standard and nonstandard units
- tell time including hour, half hour, quarter hour, five minute intervals
- identify and compare place value
- compare mass and volume
- count money including pennies, nickels, dimes, and quarters
- interpret and create graphs

Parent Role: Parents are expected to grade all math homework assignments. Please mark any questions missed and indicate the number of errors at the top of the page. Students will make corrections as needed by writing the correct answer above the incorrect ones.

Course Grading

Summative	60%
Formative	20%
Homework	20%

Satellite Day Work

Students should expect to spend approximately 1 hour per homeschool day on Math homework, in accordance with the CLPS handbook.

Tentative Class Schedule (subject to teacher changes)

<i>Class Dates</i>	<i>Lessons</i>	<i>Skills</i>
Aug 17-21 Week 1	1-5	<ul style="list-style-type: none"> • numbers to 100, left, right, graphing, one more or less • telling time by hour, doubles addition to 18 • #'s to 100
Aug 24-28 Week 2	6-9	<ul style="list-style-type: none"> • ID attributes of pattern blocks, ordinal position to 6th, repeat pattern • some, some more stories, compare #'s to 50, compare/order objects by size
Aug 31-Sep 4 Week 3	10-13	<ul style="list-style-type: none"> • Assessment 1, add 0 & 1, ID addends, sums, commutative property of addition, cover design using pattern blocks • some, some went away, number clock face, hour ago, hour from now • even/odd
Sep 7-11 Week 4	14-17	<ul style="list-style-type: none"> • Assessment 2, ordinal position to 12th • Adding 2
Sep 14-18 Week 5	18-21	<ul style="list-style-type: none"> • ID polygons; ID fractional parts of a whole • Assessment 3, adding 9; creating a color pattern • ID & sort common geometric shapes by attributes
Sep 21-25 Week 6	22-25.2	<ul style="list-style-type: none"> • Draw pics & write # sentences for some, some more/went away; ÷ shapes in half, shade $\frac{1}{2}$ • Assessment 4; ÷ square in half two different ways; doubles +1 • ID geometric shape pieces that differ in one way
Sep 28-Oct 2 Week 7	26-30.1	<ul style="list-style-type: none"> • Tell & show time to $\frac{1}{2}$ hour; read thermometer to the nearest 10° • Assessment 5; count dimes & pennies; add/sub fact families • Sums of 8 & 9
Oct 5-9 Week 8	30.2-33	<ul style="list-style-type: none"> • ID geometric shape pieces that are alike in only 1 way; create/read bar graph • Tallying, count by 5's; ID horizontal, vertical, oblique lines
Oct 12-16 Week 9	34-37	<ul style="list-style-type: none"> • Assessment 6; ÷ whole into halves, fourths, eighths; sums of 10 • Weigh objects (nonstandard units); add 10 to multiples of 10, missing #'s on 100's chart • ID pairs
Fall Break		
Oct 26-30 Week 10	38-41	<ul style="list-style-type: none"> • ID tens & ones; ID halves, fourths, eighths, read bar graph • Assessment 7; sums of 11, measure with 1 inch color tiles • Naming fractional parts of a whole
Nov 2-6 Week 11	42-45.2	<ul style="list-style-type: none"> • Trade pennies for dimes; measure line segments to nearest inch • Assessment 8; adding 10 to a 2 digit number, sums of 12 • ID measuring: 1 cup, $\frac{1}{2}$ cup, tablespoon, teaspoon, $\frac{1}{2}$ teaspoon, read recipe
Nov 9-13 Week 12	46-50.1	<ul style="list-style-type: none"> • ID similarities/differences among coins, counting nickels; write digit dates • Create bar graph & Venn diagram; ordering 2 digit numbers • fact 13 & 14

Nov 16-20 Week 13	51-54	<ul style="list-style-type: none"> • Assessment 9; count dimes, nickels, pennies; lines of symmetry; symmetry design • add 2 digit #'s using dimes/pennies (parts 1-2) • COOKING HW LESSON - read recipe, measure ingredients
Nov 30-Dec 4 Week 14	55-57	<ul style="list-style-type: none"> • Assessment 10; sums of 15-19; measure to nearest foot • Draw a number line, line segments to the nearest inch, locate points on the number line; polygon
Dec 7-11 Week 15	58+61	<ul style="list-style-type: none"> • ID 3+ single-digit #'s, ID associative property; write fractions using fraction notation • Assessment 11; subtract 0; ID and create congruent shapes • Add 2 digit #'s w/ regrouping using dimes and pennies, part 1
Dec 14-18 Week 16	62-65.2	<ul style="list-style-type: none"> • Add 2 digit #'s w/ regrouping using dimes and pennies, part 2, using add algorithm, part 1 • Addition algorithm, part 2, subtracting 1, Assessments 12
Winter Break		

Jan 11-15 Week 17	66-70.2	<ul style="list-style-type: none"> • Adding 3 two-digit #'s, read thermometer to nearest 2° • Subtract 2, ID /create overlapping geometric shapesw/ geoboard; Assessment 13
Jan 18-22 Week 18	71-75.1	<ul style="list-style-type: none"> • Subtract 10 from a 2 digit #, measure/draw line segment to nearest 1/2 inch; Assessment 12 • Add 2 digit #'s with sum greater than 100, order 3 digit numbers • Subtract 3
Jan 25-29 Week 19	75.2-79	<ul style="list-style-type: none"> • ID gallon, 1/2 gallon, quart, liter; 3 digit place value, large # grouping by 10's, pictorial rep; Assessment 14 • 3 digit numbers w/ base 10 blocks, write 3 digit #'s; clock at 5 minute intervals • Add 3 two-digit numbers with sum greater than 100
Feb 1-5 Week 20	80-83	<ul style="list-style-type: none"> • Subtract 4, Assessment 15, cut geometric shapes apart to make new shapes • Use comparison symbols, read and draw pictograph with scale of 2 • Write a fraction to show a part of a set
Feb 8-12 Week 21	84-86	<ul style="list-style-type: none"> • Expanded form, subtract 5; Assessment 16 • Cover design with tangram pieces, write money amounts using \$ and ¢
Feb 15-19 Week 22	87-90.2	<ul style="list-style-type: none"> • Subtract 2 digit numbers using dimes and pennies (part 1 & 2) • Subtract 2 digit numbers (part 1) & subtract 6, Assessment 17 • Covering the same design in different ways using tangram pieces
Feb 22-26 Week 23	91-95.1	<ul style="list-style-type: none"> • Subtract 2 digit #'s (part 2); write # sentences to show equal groups, multiply by 10 • Counting quarters, rounding to the nearest 10 • Subtract 7
Feb 28-Mar 5 Week 24	95.2-98	<ul style="list-style-type: none"> • Assessment 18, estimate and count large collections; find 1/2 of a set with even # • Find 1/2 of a set with odd #; estimate a sum
Mar 8-12 Week 25	99-102	<ul style="list-style-type: none"> • Measuring using feet and inches, subtracting 8, Assessment 19 • Find the area of a shape using pattern blocks; ID geometric solids • Measure and draw line segments using centimeters
Spring Break		

Mar 22-26 Week 26	103-106	<ul style="list-style-type: none"> • Multiply by 1 & 100; find perimeter • Subtract 9, write observations from a graph; Assessment 20 • Tell and show time to the minute
Mar 29-Apr 2 Week 27	107-112	<ul style="list-style-type: none"> • Count coins – quarters, dimes, nickels, pennies; ID parallel lines and line segments • Add 3 digit #'s and money amounts; multiply by 5, drawing equal group stories • Measure weight using customary units; representing and writing mixed numbers (part 1) • Represent and write mixed numbers (part 2); Assessment 21
Apr 5-9 Week 28	113-116	<ul style="list-style-type: none"> • Create and read a bar graph with a scale of 2; ID right angles • Assessment 22, multiply by 2, estimate area finding area using one inch color tiles • Acting out and draw pictures for equal groups stories
Apr 12-16 Week 29	117-120.2	<ul style="list-style-type: none"> • Write # sentences for equal group stories; ID intersecting lines and perpendicular lines • Subtract 3 digit #'s and money amounts; multiply by 3; Assessment 23 • Describe likelihood of event, predict outcome of probability experiment
Apr 19-23 Week 30	121-125.1	<ul style="list-style-type: none"> • Make and label an array; write number sentences for an array • Tell and show time by quarter hour; ID transformation, translation, rotation, reflection • Multiply by 4
Apr 26-30 Week 31	125.2-129	<ul style="list-style-type: none"> • Assessment 24, survey questions and choices representing data using a graph; locate and graph points on a coordinate graph • Show change for \$1, divide by 2 • Find the area of a rectangle
May 3-7 Week 32	130-133	<ul style="list-style-type: none"> • Assessment 25, ID multiples of 2, 3, 4, & 5; measure weight/mass using metric units • Doubling a number, divide a set of objects into equal groups
May 10-14 Week 33	134-135	<ul style="list-style-type: none"> • Record information on a graph, conducting probability