St. Cecilia Catholic School

Dear SCCS Parents,

Math is a life skill, and we use math every day in some way. We feel that to best prepare our students for the future, we must provide them with many opportunities to develop number sense and math ability. Both of these skills can be mastered with continued practice.

Once again, children who have just completed the 3rd-7th grades will have 10 math assignments from Mathletics this summer. These assignments must be completed prior to returning to school in August. Your child(ren) must make a score of 90 or above on each assignment for it to be counted as completed. It is the expectation of the Math teachers and school administration that these assignments will be completed by August 15, 2018. If any of the assignments are incomplete, students will be required to complete unfinished assignments during non-instructional times during the school day in August. It is our belief that all students will use the summer months to hone their math skills and complete all of the Mathletics assignments assigned for their grade level.

Assignment: **TBA – check your Mathletics account after June 2nd**
Completion Dates: **June 3rd, 2018 – August 15th, 2018**

Each student must log on to their Mathletics account and work on the activities that their math teacher has assigned. These activities will be listed on the opening page in their "vault" after your child logs in to their Mathletics account. These activities may be new or they may be activities reassigned from the school year. If it is a reassigned activity, your child should complete the activity again. Your child may only take the activities a limited number of times.

Once all the activities are completed, we encourage your child to continue to log on to Mathletics to practice math throughout the summer. When your child returns to school in August, there is nothing to turn in. The teachers will check their class roster in this computer program for a record of the graded assignments, just as they did throughout the school year. If you should have any questions, please ask your child's Math teacher.

Thank you for your support of this program. The education of our children is more important than ever. You become proficient at math by doing math. We can be proud to know that we have afforded our students every opportunity to be as successful as possible.

Jeff Matthews, Principal	John Aylor, Assistant Principal	Diane Blackman, Academic Dean
Jessie Verm, Teacher	Cindy Orlando, Teacher	Chris Inman, Teacher
Mukta Khurana, Teacher		

3rd Grade Entering 4th Grade
(Assigned by Mrs. Verm)

Number and Operations-Place Value
- Place Value to Thousands

Number and Operations-Additions
- Add 3-Digit numbers-regroup

Number and Operations-Subtraction
- 3 digit differences-1 regroupings
- 3 digit differences-2 regroupings

Number and Operations-Multiplication 1
- Multiplication facts

Number and Operations-Multiplication 2
- Multiply 2 digit by 1 digit

Numbers and Operations-Division
- Division Facts
- Problems-Multiply and Divide 1

Review - Geometry & Measurement
- How long is it? (customary)

Review Data Analysis
- Bar Graphs 1

4th grade Entering 5th grade
(Assigned by Mrs. Orlando):

Number and Operations: Place Value
Place Value to the Billions

Number and Operations: Fractions and Decimals
Shading Equivalent Fractions

Number and Operations: Fractions and Decimals
Equivalent Fractions Wall 2

Number and Operations: Multiplication
Multiply 2 Digits Area Model

Algebraic Reasoning
Area of Squares and Rectangles

Number and Operations: Division
Long Division 1

Number and Operations: Division
1-Digit Divisor, Remainder

Number and Operations: Compare and Order
Compare Fractions 1a

Number and Operations: Fractions and Decimals
Add Like Fractions

Number and Operations: Fractions and Decimals
Subtract Like Fractions

5th Grade Entering 6th Grade (Assigned by Mr. Inman)

Review-Number and Operations – Fractions
- Order Fractions 1
- Add Subtract Fractions 1
- Equivalent Fractions 1

NF. Numbers and Operations – Fractions
- Add Unlike Fractions
- Add Unlike Mixed Numbers
- Subtract Unlike Fractions
- Subtract Unlike Mixed Numbers
- Fraction Word Problems

Review-Operations and Algebraic Thinking
- Prime Factorization
- Factors

6th Grade Entering 7th grade (assigned by Ms. Khurana)

Expressions, Equations & Relationships
- Solve Multi-Step Equations
- Solve More Equations
- Quadrilateral Angle Sum with Equations

Area, Surface Area & Volume
- Area: Composite Shapes
- Volume of Prisms
- Surface Area Rectangular Prism

Proportionality, Ratio, Rate, Percent
- Rate Word Problems
- Proportional Relationships
- Percentage Word Problems
- What Percentage

7th Grade Entering 8th Grade (Assigned by Mr. Inman)

Expressions- Equation & Inequalities
- Solve Two Step Inequalities
- Solve Multi step Equations
- Solve Two Step Equations
- Equations with Grouping Symbols
- Solve More Equations
- Angle Sum of Triangles

Proportionality- Ratio, Rate, Percent
- Rate Word Problems
- Solve Proportions
- Percentage of a Quantity
- Percent Word Problems