

Khan Academy Summer Math Work for Incoming 5th Grade Students

I am providing summer math work to help the incoming 5th grade students practice math skills they have learned. This will help them transition to 5th grade math, boost their confidence, keep their math skills fresh, move forward and be successful.

The students will be working on a list of topics on Khan Academy. For each topic I would like them to correctly complete 5 problems in a row OR correctly complete 10 problems. There are 45 topics. I would like them to work on this over a period of time rather than doing it all right after school gets out. Even if they don't complete all the topics any practice done will help them be more confident when they start 5th grade. Computation practice is key to success.

The children have been registered in Khan Academy. To log in, the student will go to <https://www.khanacademy.org> - click the sign in/sign up in the upper right corner. They will click the red "Log in with Google" button and use their google classroom login. They should go to profile, then progress and then coach recommendations. I am your coach. Mrs. Howard is also a coach.

You may contact me at kdarden@stjosephgradeschool.com or Mrs. Howard at ahoward@stjosephgradeschool.com if there are any questions. Have fun and enjoy your summer!

I have included a list of all the topics that the students will be working on. I know it seems like a lot, but many of them should not be too difficult. Remember to use scratch paper and not assume this is all mental math.

Ms. Darden

Khan Academy Topics for Incoming 5th Grade Students

Round to nearest 10 or 100
Fractions on a number line
Visually compare fractions 1
Categorize quadrilaterals
Multiplying 10's
Multiply without regrouping
Multiply with regrouping
Compare with multiplication word problems
Quotients that are multiples of 10
Cancel zeros when dividing
Divide by 1-digit numbers (visual model)
Divide by 1-digit no remainders
Zeros in dividend no remainders
Zeros in quotient no remainders
Divide with remainders (basic)
Divide with remainders
Multiplication and division word problems Multistep word problems
with whole numbers
Equivalent fractions (fraction model)
Equivalent fractions
Visually compare fractions 2
Decompose fractions
Add fractions with common denominator
Subtract fractions with common denominator
Add and subtract fractions: Word problems 1
Add and subtract fractions: Word problems 2
Rewrite mixed numbers and improper fractions
Add and subtract mixed numbers
Decimals on the number line: Tenths
Decimals on the number line: Hundredths
Write numbers as fractions and decimals
Rewrite decimals as fractions
Compare decimals (tenths and hundredths)
Area of squares and rectangles
Area and perimeter of rectangle word problems
Identify parallel and perpendicular lines
Angle types

Identify lines of symmetry
Classify shapes by line and angle types
Creating largest and smallest numbers
Write whole numbers in expanded form
Write numbers in written form
Whole number place value challenge
Compare multi-digit numbers
Compare numbers: Place value challenge
Round whole numbers and challenge