

## Summer Math: Going into 5<sup>th</sup> grade

Dear Parents,

For this summer's math work students must complete the following IXL skill modules. The skills were chosen based on data from Scantron and the Archdiocesan curriculum. All skills were covered during the 4<sup>th</sup> grade school year.

Log in to IXL: <https://www.ixl.com/signin/sjbss> then enter the child's username and password. Students can also log on using their Clever accounts.

Once logged in, please go to "Profile and Settings" under your child's name and update the email address. The email address can be used to retrieve lost passwords and receive updates about the student's progress.

The progress of a skill can be seen on the main page of each grade level represented by a number in parentheses. Points will be awarded for each skill based on the following progress scale:

100 – 85: 5 points

84 – 70: 4 points

69 – 50: 3 points

49 – 30: 2 points

29 – 10: 1 point

(20 skills @ 5 points possible = 100 Points possible)

**\*\*Even if your child has completed the skill, they need to practice again for summer work. It will be important to keep track of the skills completed this summer on this print out.**

**Please have your child complete the following skill modules under 4<sup>th</sup> grade:**

A.2 Convert between standard and expanded form

A.16 Spell word names for numbers up to one million

A.20 Rounding: up to hundred thousands place

B.11 Estimate sums: word problems

D.20 Multiply 1-digit numbers by 3-digit or 4-digit numbers

D.41 Multiply a 2-digit number by larger number

E.14 Divide 2-digit numbers by 1-digit numbers: interpret remainders

E.26 Divisibility rules

F.2 Comparison word problems: addition or multiplication?

O.8 Equivalent fractions: find the missing numerator or denominator

O.11 Write fractions in lowest terms

O.26 Convert between improper fractions and mixed numbers

P.19 Add and subtract mixed numbers with like denominators

Q.7 Add and subtract fractions with unlike denominators: word problems

R.10 Multiples of fractions: find the missing numbers

R.12 Multiply fractions by whole numbers

S.10 Convert fractions and mixed numbers to decimals- denominators of 10 and 100

S.21 Compare decimals and fractions

W.10 Pick all the names for the quadrilateral

Y.7 Draw angles with a protractor