

Dear Rising 4th grade Students and Parents,

The math summer work for this year will be done on IXL using the app or the website www.ixl.com. The student username is first initial last name (all lower case) @charlestanday. Please contact Laurin Shealy if your child cannot remember their password.

We have chosen 30 objectives from the 3rd grade math section of IXL. These are all skills that each student must have mastered before entering 4th grade math. To complete an objective, a student must achieve a Smart Score of 90. Some may take 10 minutes or less to complete, while others may take 30 minutes or more.

Students should expect to use paper and pencil while working on most of the objectives. Working slowly and carefully is the quickest way to master an objective. Rushing and making careless errors actually makes the process take longer.

If a student is struggling to complete an objective, they should seek help from an adult. Missing many problems in a row just makes it harder to reach a 90 Smart Score. IXL explains to a student what they did wrong each time they miss a problem. Students can also use www.khanacademy.com for explanations of skills.

Sometimes IXL updates the site during the summer. This can cause the objective numbers and titles to shift. If an objective number (in front) no longer lines up with its title, use the shortcut search, as that number never changes. Also, the title is more important than the objective number in front.

3rd Grade Objective	Title	Shortcut Search
B.3	Place value names up to hundred thousands	A8F
B.4	Value of a digit	DHS
B.7	Convert from expanded form	8MP
B.9	Place value word problems	5TF
C.17	Add two numbers up to six numbers	LNJ
D.4	Subtract across zeros	93U
D.9	Subtract numbers with four or more digits	Y57
E.3	Write multiplication sentences for equal groups	V98
E.5	Identify multiplication expressions for arrays	HZL
G.15	Multiplication facts to 12	TK7
H.2	Multiply by a multiple of ten	MS6
H.7	Multiplication word problems	9TA
H.19	Multiply one-digit numbers by three-digit numbers	9GD
I.2	Write division sentences for groups	FSX
K.13	Division facts to 12	TA7
L.8	Divide larger numbers	42Z
P.4	Round to the greatest place value	KMD
P.5	Round money amounts to the nearest dollar	PBL
T.3	Read clocks and write times	5ZQ
U.7	Use bar graphs to solve problems	BCJ
U.12	Interpret pictographs	Y5D
V.6	Understand fractions: area models	RTW
V.13	Fractions of number lines: unit fractions	TBX
W.3	Identify equivalent fractions using number lines	HYM
W.10	Select fractions equivalent to whole numbers	42U
X.1	Compare fractions with like den. using models	TDE

X.2	Compare fractions using like num. using models	RGM
X.3	Compare fractions using models	MJ2
X.4	Compare fractions using number lines	38T
X.12	Benchmark fractions	EEU

According to the CDS handbook, students will face academic and disciplinary consequences if the work is incomplete. By completing this assignment, you show responsibility for being prepared for 4th grade.

If you have questions, you can contact Laurin Shealy (laurin.shealy@charlestownday.org) or Vicky Cardwell (vicky.cardwell@charlestownday.org).