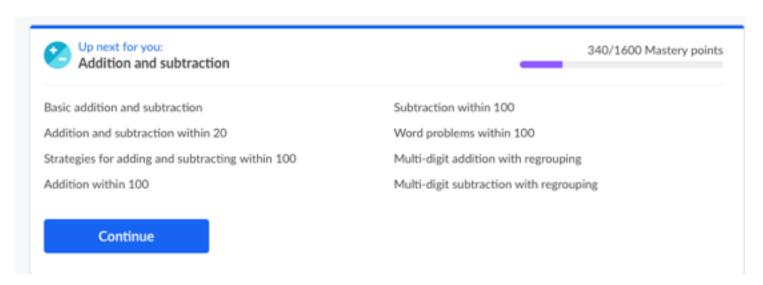
# **Math Path**

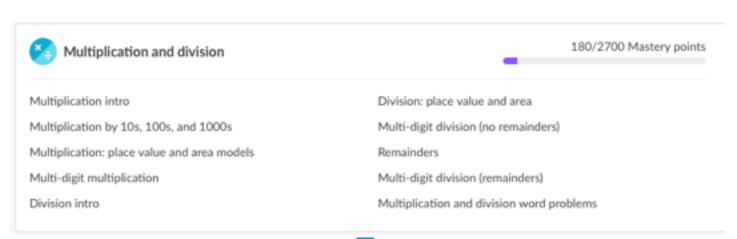
# Start here:



# Arithmetic











# Negative numbers

Intro to negative numbers

Order negative numbers

Number opposites

Absolute value

Intro to adding negative numbers
Intro to subtracting negative numbers
Adding & subtracting negative numbers

Multiplying & dividing negative numbers



# Fractions

0/3800 Mastery points

Fractions intro

Fractions on the number line

Equivalent fractions

Comparing fractions

Common denominators

Decomposing fractions

Adding and subtracting fractions with like denominators

Mixed numbers

Adding and subtracting fractions with unlike denominators

Adding and subtracting mixed number with unlike denominat...

Adding and subtracting fractions word problems

Multiplying whole numbers and fractions

Multiplication as scaling

Multiplying fractions

Multiplying mixed numbers

Multiplying fractions word problems

Fractions as division

Dividing unit fractions and whole numbers

Dividing fractions by fractions

Dividing fractions word problems





Intro to decimals

Decimals on the number line

Rounding decimals

Comparing decimals

Rewriting decimals as fractions

Adding decimals

Subtracting decimals

Adding and subtracting decimals word problems

Multiplying decimals

Dividing decimals



#### Grade 6



#### Variables & expressions

0/1500 Mastery points

Parts of algebraic expressions

Substitution & evaluating expressions

Expression value intuition

Evaluating expressions word problems

Writing algebraic expressions introduction

Writing basic algebraic expressions word pro...

Distributive property with variables

Combining like terms

Equivalent expressions

# Grade 6





#### Equations & inequalities introduction

0/2200 Mastery points

Algebraic equations basics

One-step equations intuition

One-step addition & subtraction equations

One-step multiplication and division equations

Finding mistakes in one-step equations

One-step equation word problems

Intro to inequalities with variables

Dependent and independent variables

#### Grade 7



# Expressions, equations, & inequalities

0/1800 Mastery points

Combining like terms

Two-step equations with decimals and fracti...

The distributive property & equivalent expre...

Two-step equation word problems

Interpreting linear expressions

One-step inequalities

Two-step equations intro

Two-step inequalities



## Grade 6



## Data and statistics

0/2200 Mastery points

Dot plots & frequency tables

Interquartile range (IQR)

Statistical questions

Box plots

Histograms

Mean absolute deviation (MAD)

Mean and median

Comparing data displays

Mean and median challenge problems

Shape of data distributions



## Grade 7



	_			
•	_	٠.	_	L
100	•		-	۱
	_			
•			_	

#### Geometry

0/2200 Mastery points

Areas of parallelograms Geometric solids (3D shapes)

Areas of triangles Volume with fractions

Area of composite figures Surface area

Polygons on the coordinate plane



# Data and statistics

0/2200 Mastery points

Statistical questions Box plots

Histograms Mean absolute deviation (MAD)

Mean and median Comparing data displays

Mean and median challenge problems Shape of data distributions