ORIGO at Home

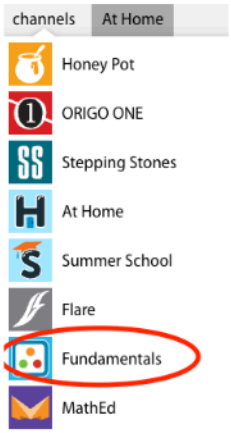
Fundamentals Game Boards

Navigating from ORIGO At Home Summer School resources to the Fundamentals Games

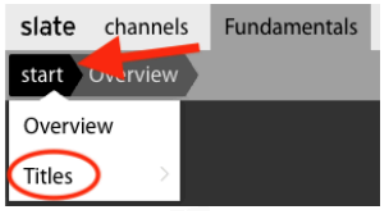
Step 1: Click on the 'Channels' button in the upper left-hand corner of the screen.



Step 2: Once you click the 'Channels' button a list of the online content will open. You are looking for the **Fundamentals** channel

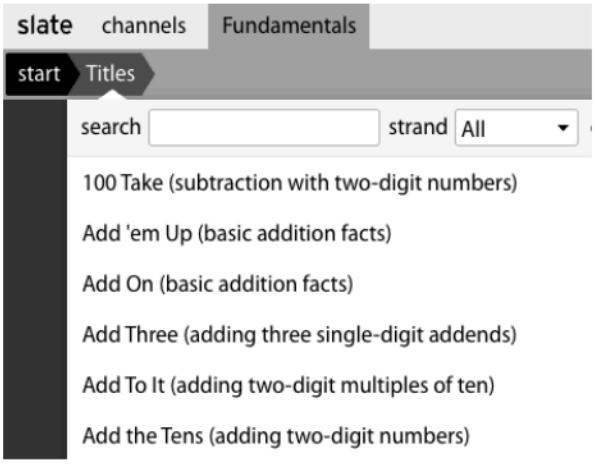


Step 3: Click on the Fundamentals channel. Then click 'start' in the upper left-hand corner of the screen and then 'Titles'



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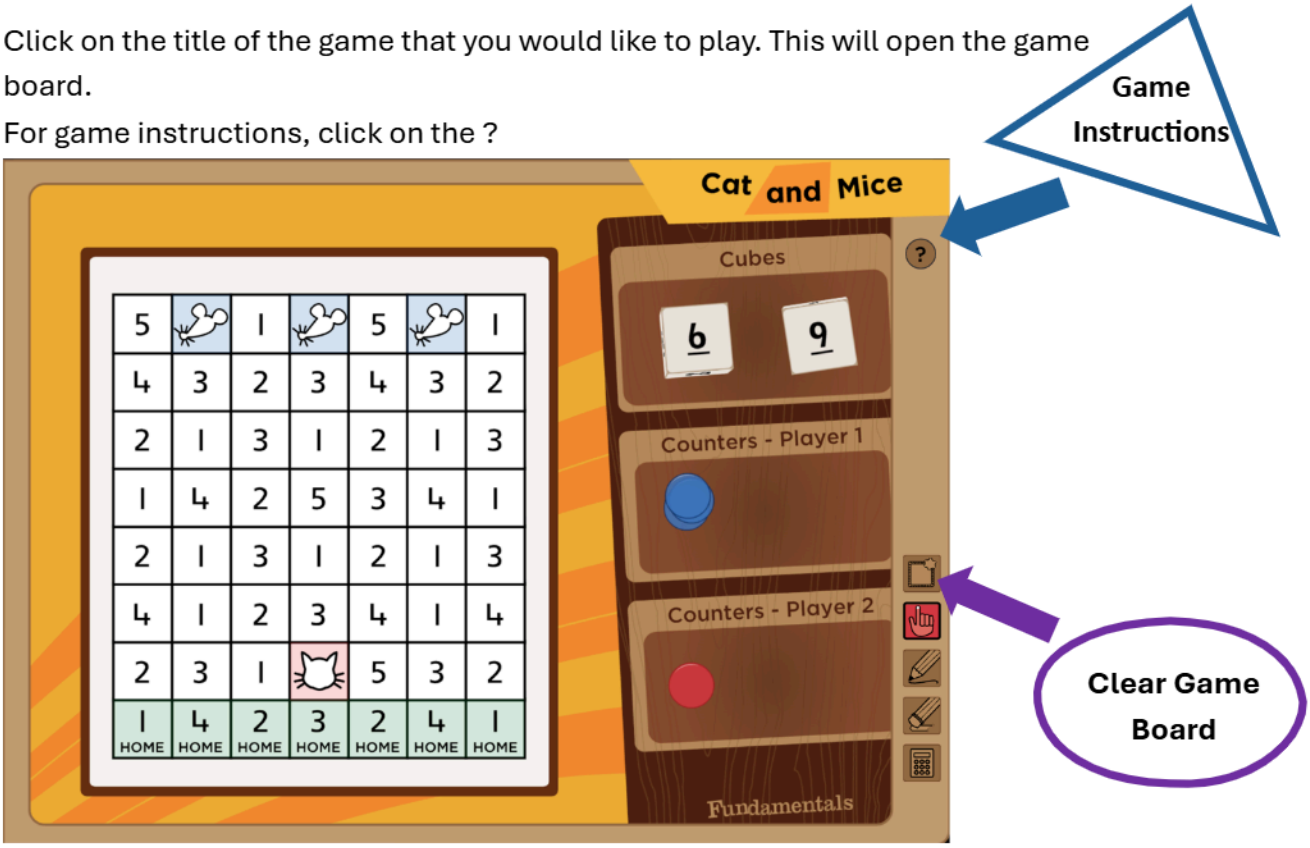
Step 4: When you click on 'Titles', this will open the list of ALL of the Fundamentals games



To determine the games that will benefit your student the most, please refer to the following grade level game lists. The lists that follow will give information on the math content and the game name.

Once you choose a game to play, here are a few instructions to help you.

- Click on the title of the game that you would like to play. This will open the game board.
- For game instructions, click on the ?



**When you are finished playing the game, click on the X in the bottom right-hand corner of the screen. This will take you back to the list of games.

Fundamentals Game Boards

Kindergarten

Mathematical Concept	Fundamentals Game Title
Relative Position of Numbers	
Relative position of 1 to 10	Before and After
Relative position of 1 to 10	Along the Track
Relative position of 1 to 15	Along the Track Again
Directions forward and back	Toss and Move
Counting	
Spatial positions in and out	In and Out
Counting one, two, or three	Move on Up
Counting eleven to sixteen	Moving On
Comparing Numbers	
Comparing quantities to 10	More or Less
Addition	
One more or one less	On Track
Basic addition facts	The Race is On
Basic addition facts	Add'em Up
Basic addition facts	Add On
Basic addition facts	Total Ten
Basic addition facts	Dot Numbers
Basic addition facts	Roll and Count
Subtraction	
Basic subtraction facts	Take it Away
Basic subtraction facts	Cat and Mice
Basic subtraction facts	What's the Difference

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Fundamentals Game Boards

1st Grade

Mathematical Concept	Fundamentals Game Title
Realtive Position of Numbers	
Relative position 1 to 15	Along the Track Again
Two Digit Numbers	
Naming two-digit multiples of ten	Groups of Ten
Naming two-digit numbers	What's that Number
Naming two-digit numbers	Make a Number
Naming two-digit numbers	Name the Number
Combinations of Ten and Twenty	
Combinations of ten	Total Ten
Combinations of twenty	Make 20
Combinations of twenty	Total Twenty
Comparing Numbers	
Comparing one- and two-digit numbers	High Roll
Comparing two-digit numbers	Compare Two
Comparing two-digit numbers	Great Numbers
Comparing two-digit numbers	Click a Card
Comparing two-digit numbers	Compare Three
Addition	
Basic addition facts	The Race is On
Basic addition facts	Dot Numbers
Basic addition facts	Dots and More
Basic addition facts	Roll and Count
Basic addition facts	Add'em Up
Basic addition facts	Add On
Basic addition facts (Count On Strategy)	Count On
Basic addition facts (Count On Strategy)	Fill Up Five
Basic addition facts (Count On Strategy)	Make it True
Basic addition facts (Doubles Strategy)	Double Up
Basic addition facts (Doubles +1 Strategy)	Double Trouble
Adding one- and two-digit numbers	Slides and Ladders
Adding one- and two-digit numbers	First to Forty
Adding two-digit numbers	Double Fun
Adding two-digit numbers	On the Edge
Adding two-digit numbers	On Board
Adding two-digit numbers	Add the Tens
Adding two-digit numbers	Split to Add
Adding two-digit numbers	Over Fifty
Adding two-digit multiples of 10	Add to It

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Fundamentals
Game Boards

Adding two-digit multiples of 10	Match a Total
Adding two-digit multiples of 5 to 100	Adding to 100
Subtraction	
Basic subtraction facts	Cat and Mice
Basic subtraction facts	What's the Difference
Basic subtraction facts (Counting Back 1)	Take it Away
Basic subtraction facts (Think-Addition Strategy)	Take or Tally
Subtraction with two-digit numbers	Take That

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Fundamentals Game Boards

2nd Grade

Mathematical Concept	Fundamentals Game Title
Comparing Numbers	
Comparing two-digit numbers	Compare Two
Comparing two-digit numbers	Near a Ten
Comparing three-digit numbers	Make the Greatest
Comparing three-digit numbers	The Greatest
Comparing three-digit numbers	Near a Hundred
Addition	
Basic addition facts	Roll and Count
Basic addition facts	Count On
Basic addition facts	Double Trouble
Adding one- and two-digit numbers	Split Strategies
Adding two-digit numbers	On Board
Adding two-digit numbers	Back on Board
Adding two-digit numbers	Split to Add
Adding two-digit numbers	Splitting Fun
Adding two-digit numbers	Add the Tens
Adding two-digit numbers	On the Edge
Adding two-digit numbers	Adding to 100
Adding two-digit multiples of five and ten	Adding Tens
Adding two-digit multiples of ten	Add to It
Doubling multiples of ten	Double Barrel
Doubling multiples of five and ten	Double Bucket
Adding three-digit numbers	Addition Fun
Subtraction	
Basic subtraction facts	Take or Tally
Subtraction with one- and two-digit numbers	Take Off
Subtraction with two-digit numbers	More to Take
Subtraction with two-digit numbers	Fun to Take
Subtraction with two-digit numbers	100 to Take
Subtraction with two-digit numbers	Up or Down
Subtraction with two-digit numbers	Difference Dash
Subtraction with two-digit numbers	Take Away Time
Subtraction with two-digit numbers	Think Take Away
Subtraction with two- and three-digit numbers	Difference Decision
Subtraction with two- and three-digit numbers	Pick and Choose
Subtraction with three-digit numbers	Make a Difference
Subtracting or adding two-digit numbers	Take or Add

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Fundamentals Game Boards

3rd Grade

Mathematical Concept	Fundamentals Game Title
Comparing Numbers	
Comparing two-digit numbers	Near a Ten
Comparing three-digit numbers	The Greatest
Comparing three-digit numbers	Make the Greatest
Comparing three-digit numbers	Near a Hundred
Comparing three-digit numbers	Near or Far
Comparing four-digit numbers	Going Great
Comparing four-digit numbers	Make a Match
Comparing four-digit numbers	Make it Close
Addition	
Adding two-digit numbers	Adding On
Adding two-digit numbers	Splitting Fun
Adding two-digit numbers	Over Fifty
Adding two-digit numbers	Adding to 100
Adding two-digit numbers	Double and Add
Adding two-digit numbers	Using Double
Adding two-digit multiples of five and ten	Adding Tens
Adding three-digit numbers	Addition Fun
Adding three-digit numbers	Just Add
Adding three-digit numbers	Tricky Totals
Doubling multiples of ten	Double Barrel
Doubling multiples of five and ten	Double Bucket
Subtraction	
Subtraction with two-digit numbers	Doing the Difference
Subtraction with two-digit numbers	Make a Choice
Subtraction with two-digit numbers	Over the Edge
Subtraction with two-digit numbers	Pick and Choose
Subtraction with two- and three-digit numbers	Difference Decision
Subtraction with two- and three-digit numbers	Pick and Choose Again
Subtraction with three-digit numbers	Make a Difference
Multiplication	
Multiplying by five and ten (Use Tens Strategy)	Times Tussle
Multiplying by five and ten (Use Tens Strategy)	Times That
Doubling to multiply by two	Seeing Double
Multiplying by 2 and 4 (Use doubles and double-double strategy)	Double Double
Multiplying by 2 and 4 (Use doubles and double-double strategy)	Double Double Again

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Fundamentals
Game Boards

Using doubling strategy for 4's and 8's multiplication Facts	Do the D's
Using doubling strategy for 4's and 8's multiplication Facts	Do the D's Again
Multiplying by 9 and 10 (Build-down strategy)	Times This
Multiplication – last facts 3's and 7's	That's a Fact
Basic multiplication facts	Multiplication Mania
Basic multiplication facts	Pick a Product
Using place-value to multiply one- and two-digit numbers	It's a Fact
Using Doubling and Halving Strategy to multiply two-digit numbers	Nice and Easy
Using Doubling and Halving Strategy to multiply two-digit numbers	Nice and Easy Too
Division	
Dividing by two	Quick Quotients
Four's division facts	For Division
Dividing by 2 and 4	Division Detour
Dividing by 2,4,5 and 10	Missing Divisors
Dividing one- and two-digit dividends by 2,3,4 and 5	Equal Shares
Dividing two-digit numbers	Doing Division
Division with remainders	Remainder Run
Using all Operations	
Using Multiple Operations	This or That
Order of Operations	Operation Order

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Fundamentals Game Boards

4th Grade

Mathematical Concept	Fundamentals Game Title
Comparing Numbers	
Comparing four-digit numbers	Make it Close
Comparing five-digit numbers	High Score
Comparing seven-digit numbers	Top Score Too
Addition	
Adding near doubles	Use Doubles
Adding two- and three-digit numbers	Jump On
Adding three-digit numbers	Tricky Totals
Adding three-digit numbers	Just Add
Adding three-digit numbers	Add to Win
Subtraction	
Subtraction with two-digit numbers	Down or Up
Subtraction with two-digit numbers	Up or Down
Subtraction with three-digit numbers	Make a Difference
Multiplication	
Basic multiplication facts	Multiplication Mania
Multiply by five and ten	Times Tussle
Multiply by five and ten	Take Your Pick
Doubling to multiply by 2	Seeing Double
Doubling to multiply by 4's and 8's	Do the D's
Multiplication – the last facts (x7 & x3)	That's a Fact
Multiply by 9 and 10	Times This
Multiplication with one- and two-digit numbers	It's a Fact
Multiplication with two-digit numbers	Do the D's Again
Multiplication with two-digit numbers	Use a Tens Facts
Multiplication with two-digit numbers	Friendly Factors
Multiplication with two-digit numbers (Use double and halve strategy)	Nice and Easy
Multiplication with two-digit numbers (Use double and halve strategy)	Nice and Easy Too
Multiply three single-digit numbers	Perfect Pairs
Factors and Multiples	
Finding one-digit factors	Factor Find
Working with factors and multiples	Fun Factors
Division	
Fours Division Facts	For Division
Dividing by 6	Roll a Remainder (÷ by 6)
Dividing by 7	Roll a Remainder (÷ by 7)

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Dividing by 8	Roll a Remainder (÷ by 8)
Division facts and beyond	This I Know
Two-digit dividends	Remainer Run
Dividing two-digit numbers	Doing Division
Two- and three-digit dividends	Half of That
Two- and three-digit dividends	Have a Half
Three-digit dividends	Division Dash
Three-digit dividends	Divide It
Using all Operations	
Using multiple operations	This of That
Decimals	
Comparing Decimals	Near Tenths
Comparing Decimals	Top Score
Adding Tenths	Target 10
Addition and Subtraction with decimals	First to Two

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Fundamentals Game Boards

5th Grade

Mathematical Concept	Fundamentals Game Title
Comparing Numbers	
Comparing three-digit numbers	Near or Far
Comparing four-digit numbers	Make it Close
Comparing five-digit numbers	High Score
Comparing seven-digit numbers	Top Score Too
Multiplication	
Multiplying two-digit numbers	Friendly Factors
Multiplying two-digit numbers	Use Factors
Multiplying two-digit numbers	Nice and Easy
Multiplying two-digit numbers	Nice and Easy Too
Multiplying three single-digit numbers	Perfect Pairs
Division	
Using rules of divisibility	Does it Divide
Dividing two-digit numbers	Doing Division
Dividing three-digit numbers	Division Dash
Dividing three-digit numbers	Divide and Conquer
Dividing three-digit numbers	Divide It
Dividing three-digit numbers	Remainder Marathon
Dividing three-digit numbers	Go Divide
Division facts and beyond	This I Know
Finding Factors	
Finding one-digit factors	Factor Find
Using All Operations	
Order of Operations	Operation Order
Fraction Computation	
Adding Common Fractions	Make One
Calculating fractions of a whole number	Fraction Facts
Decimals	
Comparing Decimals	Top Score
Comparing Decimals	Near Tenths
Comparing Decimals	Close to a Whole
Adding Tenths	Target 10
Addition and subtraction with decimals	First to One
Addition and subtraction with decimals	First to Two
Addition and subtraction with decimals	First to Zero

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Fundamentals Game Boards

6th Grade

Mathematical Concept	Fundamentals Game Title
Comparing Numbers	
Comparing seven-digit numbers	Top Score Too
Addition	
Adding three-digit numbers	Add to Win
Adding three-digit numbers	Tricky Totals
Multiplication	
Multiplying two-digit numbers	Factor Fun
Division	
Using divisibility rules	Does it Divide
Two-digit division	Remainder Race
Two- and three-digit division	This I Know
Investigating division with remainders	Remainder Marathon
Three-digit division	Divide It
Three-digit division	Division Dash
Factors and Multiples	
Factoring two-digit numbers	Factor Find
Factoring three-digit numbers	Fast Factors
Connecting factors and multiples	Fun Factors
Using all Operations	
Order of Operations	Operation Order Game
Decimals	
Comparing decimals	Close to a Whole
Comparing decimals	Compare the Pair
Comparing decimals	Compare the Pair Again
Comparing decimals	Compare the Trio
Comparing decimals	Top Score
Comparing decimals	Near Tenths
Adding and subtracting decimals	First to Zero
Multiplying decimals	Decimal Doubles
Calculating Percentages	
Calculating percent of 3-digit whole numbers	Percentage Fun
Calculating percent of 3-digit whole numbers	Percentage Play
Calculating percentages	Picking Parts
Calculating Discounts	
Calculating discounts	Discount dilemma
Fractions	
Adding common fractions	Make One

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