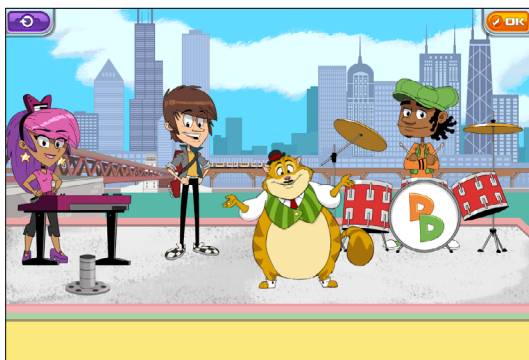




Istation Presents Math Instruction Updates for May

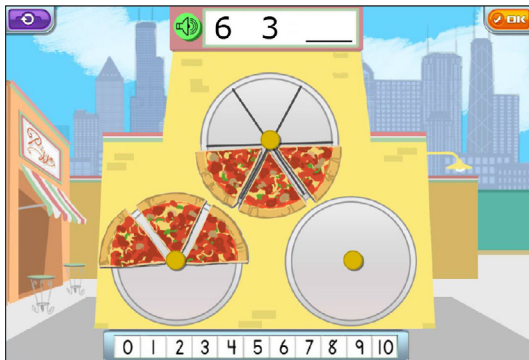
Early Math Instruction (Pre-K-1)

Come join the Math Superstars and learn all about subtraction using Whole-Part-Part during their US concert tour stop in the “Windy City,” Chicago!



Two versions of the “Chicago Pizza Blues”
Song within 10 and 20

Istation Early Math has added **two Whole-Part-Part instructional songs within 10 and 20** to accompany four Whole-Part-Part lessons that address subtraction within 10 and 20. The songs, aptly named “Chicago Pizza Blues,” spotlight TJ Cool Cat lamenting that his girlfriend, Miss Kitty, eats way more than her share of their deep dish pizza!



Whole-Part-Part within 10 and 20

Afterwards, students will apply their knowledge in four lessons. Included are **two lessons developing the concept of Whole-Part-Part** and **two lessons on subtraction in the context of word problems** (called subtraction stories). For all the lesson activities, **the instructional range will fall within either 10 or 20**. In the first two activities, students will use a whole-part-part mat to break apart a set of objects (in this case, pizza) to subtract and find the difference.

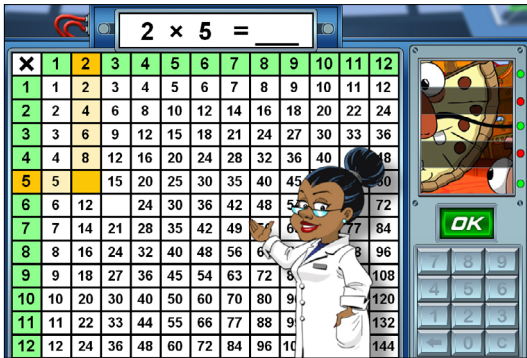


Subtraction Stories within 10 and 20

In the next two activities, they will build a subtraction story horizontally with eaten and uneaten pizza slices and find the difference.

Elementary Math Instruction (Grades 2-5)

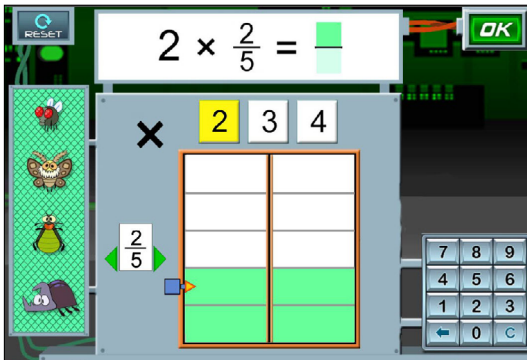
Istation Math has added one multiplication table activity and two multiplying fractions by whole numbers activities within the domains of Algebra and Operations!



×	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

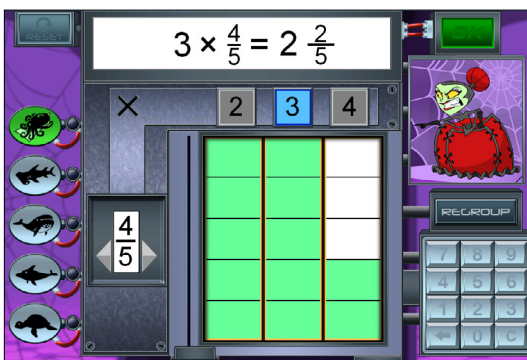
Arithmetic Patterns
in Multiplication

In the first **Arithmetic Patterns in Multiplication** activity, students will use a table to identify patterns in multiplication facts and use the patterns to determine the products. Agent Addington will make sure Donnie and the Secret Equation Man (SEM) team are up to the challenge of working with multiplication tables in the new SEM Training Center!



Multiplying by Fractions
Less Than One

In the next two activities, Donnie (aka Secret Equation Man) must stop Spider Queen from entrapping the city in her web. His ability to multiply whole numbers by fractions to find the missing product will ultimately save the city from destruction! During the **Multiplying Fractions Less Than One** activity, students will use a grid to multiply whole numbers by fractions less than one and determine the product.



Multiplying by Fractions
Less Than One (with Improper Fractions)

In the subsequent lesson, **Multiplying Fractions Less Than One with Improper Fractions**, the products are improper fractions that students will regroup to represent a mixed number.