Math at Home

Dec

Welcome Bear Creek families to all things math! Check here monthly for new ideas, tips, games and even helpful videos to help you support your child at home.

Our goal at Bear Creek is for teachers, students and parents to "show up" to help your child learn and grow! Reach out if you ever have any questions!

–Kristin Goodwin
Math Coach
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Don't forget to use the materials each student received in a baggie!

Students can get on Dreambox at home through Clever. Every students goal is 5-10 lessons/week. They should not exceed 15 lessons per week.

PRE-K/KINDERGARTEN
Shapes and addition

-Practice identifying shapes you see around: naming, drawing & comparing.
-Practice adding two numbers together using blocks or counters

1ST GRADE
Add/subtract within 20

-Students are working on adding and subtracting with word problems. See second page for word problem types (change out numbers to practice).

2ND GRADE
Add/Subtract to 100

-Students are working on adding and subtracting with word problems. See second page for word problem types (change out numbers to practice).

FRACTION BARS!

3RD GRADE
Place Value

-Roll a 6-sided dice two times (numerator and denominator). Repeat. Compare the fractions to determine which is larger/smaller/equal.

FRACTION BARS!

4TH GRADE
x and ÷ facts

-Roll a 6-sided dice two times (numerator and denominator). Repeat. Compare the fractions to determine which is larger/smaller/equal.

5TH GRADE
x and ÷ facts

-Nearpod code 9GRE3 Complete the nearpod to practice dividing multi-digit numbers with decimals

Helpful Materials

It would be helpful to have these materials at home to support your childs math learning.
-Index Cards   -One deck of playing cards
-1 to 3 dice   -Paper/pencils

	START UNKNOWN	CHANGE UNKNOWN	END UNKNOWN
Addition	Some birds were in the tree. 3 more birds flew on the branch and now there are 8 birds in the tree. How many birds were in the tree to begin? $? + 3 = 8$	5 birds were in the tree. Some birds flew on the branch and now there are 8 birds in the tree. How many birds had flown onto the branch? $5 + ? = 8$	5 birds were in the tree. 3 birds flow on the branch. How many birds are on the tree now? $5 + 3 = ?$
Subtraction	Some birds were in the tree. 3 birds flew away and now there are 8 birds in the tree. How many birds were in the tree to begin? $? - 3 = 8$	11 birds were in the tree. Some birds flew away and now there are 8 birds in the tree. How many birds flew away? $11 - ? = 8$	11 birds were in the tree. 3 birds flew away. How many birds are on the tree now? $11 - 3 = ?$

	TOTAL UNKNOWN	PART UNKNOWN	BOTH PARTS UNKNOWN
Part Whole	There were 5 bluebirds and 3 cardinals in the tree. How many birds are there in all? $5 + 3 = 8$	There are 8 birds in the tree. 5 are bluebirds and the rest are cardinals. How many cardinals are there? $8 - 5 = ?$	There are 8 birds in the tree. Some are bluebirds and some are cardinals. How many of each kind of bird could there be? $? + ? = 8$

	DIFFERENCE UNKNOWN	BIGGER UNKNOWN	SMALLER UNKNOWN
Compare	*How many more?* Sara has 3 birds. Raina has 5 birds. How many more birds does Raina have than Sara?	*More* Sara has 3 birds. Raina has 2 more birds than Sara. How many birds does Raina have?	*More* Raina has 5 birds. She has 2 more birds than Sara. How many birds does Sara have?
	How many fewer? Sara has 3 birds. Raina has 5 birds. How many fewer birds does Sara have than Raina?	*Fewer* Sara has 3 birds. She has 2 fewer birds than Raina. How many birds does Raina have?	*Fewer* Raina has 5 birds. Sara has 2 fewer birds than Raina. How many birds does Sara have?
	$5 - 3 = ?$ $3 + ? = 5$	$3 + 2 = ?$ $3 + 2 = ?$	$5 - 2 = ?$ $2 + ? = 5$

⭐ 1st-5th

1st gr- #s to 20
2nd gr- #s to 100
3rd gr- #s to 1,000
4th gr- #s to 1,000
5th gr- #s to 1,000

Use these problem types to practice word problems. Change out the context and numbers to make more problems.

⭐ 3rd-5th only

	#s 0-12 Unknown Product $3 \times 5 = ?$	Group Size Unknown $15 \div 3 = ?$	Any numbers to make a fact family Number of Groups Unknown $15 \div 5 = ?$
Equal Groups	There are 3 boxes with 5 pencils in each box. How many pencils are there?	If 15 pencils are shared equally among 3 boxes, how many pencils will go in each box?	If 15 pencils are packed with 5 in each box, how many boxes can be packed?
Arrays/ Area Models	There are 3 rows of oranges with 5 in each row. How many oranges are there?	If 15 oranges are placed in 3 equal rows, how many oranges would be in each row?	If 15 oranges are placed in equal rows of 5 oranges, how many rows can be made?
Compare	A book costs $3. A toy costs 5 times as much as the book. How much is the toy?	A toy costs $15. It is 5 times as much as the cost of a book. How much is the book?	A book costs $3 and a toy costs $15. How many more times does the toy cost than the book?