

Feb

# Math at Home

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  
goodwinkr@pcsb.org



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 Addition & Subtraction

-Practice adding and subtracting two numbers together by rolling dice and using blocks or counters

## 1ST GRADE Add/subtract within 100

-Roll dice to make a 2 digit number (ie: 43). Roll di again to make a 1 digit number. Add them together. Repeat and do addition. Students can draw a number line or tens/ones chart to help.

## 2ND GRADE Add/Subtract to 100

-Practice rolling dice to make 2 digit number. repeat. Make an addition equation and solve. Repeat to practice subtraction. Students can draw a number line or tens/ones chart to help.

## 3RD GRADE Area & Perimeter

-See second page for swimming pool task.

## 4TH GRADE Multiply fractions

-Roll a 6-sided dice two times (numerator and denominator). Roll a 10-sided die to get a whole number. Multiply the fraction by the whole number.

## 5TH GRADE x and ÷ fractions

-Nearpod codes: 486QK and MX9CS  
Complete the nearpods to practice multiplying and dividing fractions.

### 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



# Design A Swimming Pool

3.MD.7

You will need: grid paper

1. You have been hired to design a swimming pool. Your customer wants the following things in their design:
  - It must have an area of 36 square feet.
  - It must be made from two different sized rectangles that are joined by one side.
2. Draw your design on the grid paper. Include the lengths of each side.
3. Show your work to explain how you calculated the area of the swimming pool.

**Challenge:** What is the perimeter of your swimming pool? Can you design a swimming pool with the same area that looks different? How does the perimeter of your new swimming pool compare to your original design?



3rd grade  
Canva