School Logo

Dear parents,

This week, your child learned about probability. We started by learning more about combinations, specifically learning the difference between independent and dependent combinations. Then, in class, we worked through several problems to deepen the understanding of combinations.

Then your child learned the term probability. They learned about probable and improbable events and how to calculate some probabilities. Next, we worked through variations of an experiment to practice evaluating and calculating probability. Your child recorded the results in fraction form and in percentages.

Your child also learned to calculate probability when using spinners, including spinners with equal segments and spinners with unequal sections. We evaluated the spinner and discussed the probability of various results. Again, we discussed many different probability scenarios during class to deepen their understanding and to practice probability calculations.

Finally, we calculated probability with dice. We completed a dice experiment to determine the frequency of different combinations. Your child kept track of the actual results when rolling the dice and found the most common sum of the dice. Again, results were shown in fraction form and in percentages.

Fun activities at home:
- Using a 52-card deck, have your child calculate the probability of drawing a face card in fraction form (12/52, simplified as 3/13)
- Then follow up by drawing 20 cards. Keep track of how many times a face card is drawn. Then calculate the actual occurrence. For example, if 4 of the cards drawn is a face card, the actual occurrence would be 4/20 or 1/5.
- Ask your child what the probability of heads showing up when a coin is tossed (1/2 or 50%)
- Flip a coin 30 times and calculate how many times heads shows up. Then show the final result in fraction form. For example, if heads turn up 16 of the 30 times, the fraction would be 16/30.

Games we played/to play at home:
- Rows and Columns game (A53)
- Rows and Columns Solitaire game (A54)
- Percentage Memory game (F46)

Next week, we will have a review lesson covering the topics your child has previously learned. Your child will also learn to analyze patterns and learn about coordinate systems.

Have a lovely day!
Teacher Name