

# 4-12 Mathematics Spring Break Activities

## Spring Temperature Data Challenge

Track temperatures during Spring Break!

Grades 4-6: Record the daily high temperature for 5 days.

Order the temperatures from least to greatest.

Grades 7-8: Use the temperatures to find the mean, median, and range.

Grades 9-12: Record 10 days of temperatures, create a line graph, and calculate the standard deviation of the data.

## Easter Candy Probability Challenge

Use a bag of colorful candy or cereal pieces.

Grades 4-6: Sort candies by color and record the number of each. Write the fraction of the total for each color.

Grades 7-8: Find the experimental probability of selecting each color. Compare which color is most and least likely.

Grades 9-12: Calculate the probability of selecting two candies of the same color without replacement.

## Plant Growth Investigation

Track the growth of a plant during Spring Break.

Grades 4-6: Measure plant height for 5 days and create a table.

Grades 7-8: Create a line graph showing plant growth over time.

Grades 9-12: Determine the average rate of growth per day and write an equation that models the growth.



Click the image to learn more about the FREE resources available through Varsity Tutor. Tutoring, live classes, challenges, and more..

## Make Mathematics Count, GA!

Click for a special series that support parents with understanding the expectations and resources of teaching and learning mathematics in GA