

Math Projects

- It gets really hot in the summer in Atlanta. Pick a week and record the high and low temperatures for each day in Atlanta. During the same week, pick a city that you are going to visit or want to visit. Record the high and low temperatures for this city also. You can watch the weather report on the news, look in a newspaper or on the internet. Create a chart to record your data. On the same page as your charts, find the difference between the high temperatures for each city for each day. Do this with the low temperatures as well.
- Look around your house and neighborhood and find things that you think are 1 centimeter, 1 inch, 1 foot, 1 yard and 1 meter. Don't measure at first, just estimate. List these things in the measurement chart. Now measure their actual length and record this in the chart. Repeat with the other measurements. You can post the chart on construction paper and decorate.
- Think about all the places where you can find fractions. The pizza you eat for dinner is one example. Draw as many examples of fractions as you can and label each fractional part.
- Think of something that you want to save up money to buy. Come up with a plan to earn money. How much money would you need to earn each week to buy your item in 8 weeks? Write down your plan. Then explain how you figured out how much money you need to earn each week. Show your work.
- Pick three adults to interview. Ask them how they use math each day in their life. Make sure that you write down your questions and each person's answer. Then write a paragraph to tell why math is important and can help you later in life. Write a second paragraph to tell how you think you will use math when you grow up.
- Pretend you are the teacher. Make a worksheet that has 15 questions that someone who just finished second grade should be able to answer. Then, on a separate paper, make an answer key to go with your worksheet.
- Draw a picture of things you can do in the summer using as many of the following figures as possible: triangles, square, rectangle, trapezoid, circle, quadrilateral, rhombus, pentagon, and hexagon. Be creative. Your picture might look a little unusual. Maybe you make a tree using a rectangle for the trunk and a large triangle for the leaves. Create a shape key that tells the color for each shape. For example, all triangles are green. Put this on the back of your picture.
- Choose 4 summer activities. Ask between 20-40 people which activity is their favorite. Record these results in a tally table. Then, create a bar graph to display the results. You can also make a picture graph (pictograph). Make your graph neat, colorful and creative. On the back of your graph, write two questions someone could answer by looking at your graph.
- Create a schedule for one week in the summer. Make sure to include the times that you do activities. On each day, start with the time you wake up and end with your bedtime. Decorate your schedule.