



SAS[®] Curriculum Pathways[®]: Help Me Engage My Students!

Staci Lyon

Mathematics Curriculum Specialists



**THE
POWER
TO KNOW[®]**

SAS Curriculum Pathways

- Overview of SAS Curriculum Pathways
- Demonstration of Math Resources
- Getting Started
- Questions



What is SAS Curriculum Pathways?

- Online curriculum resources for
 - » *English Language Arts*
 - » *Social Studies*
 - » *Science*
 - » *Mathematics*
 - » *Spanish language*
- Focused on Middle School & High School
- Fully funded by SAS and offered at no cost to U.S. educators and students



New Look!

SAS Curriculum Pathways

5 Sign Up Log In QL # Go

Professional Development Standards Favorites Community

Search for Resources 

Browse Resources

English Language Arts
Mathematics
Science
Social Studies
Spanish
More Cool Tools



Questions about mobile?



Interactive, standards-based resources in the core disciplines

Sign Up
FREE for Students and Educators

- Sign Up
- System Requirements
- Professional Development

On the Blog

Welcome to Pathfinders!

Exploring avenues and byways related to educational technology and the development, use, and evaluation of SAS Curriculum Pathways.



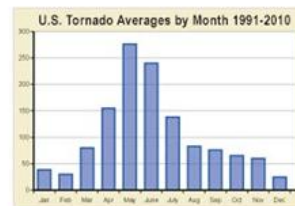
Writing Planner

English Learner

Brainstorm
Focus
Research

Notice something different?

Not only are we prettier, we've added some new stuff too! New resources, better search, apps, and more.



Mean, Median, Mode

The mean for this data set is greater than its median. Not sure why? Learn about these measures of central tendency and how to analyze one-variable data.

2013-2014: Beginning to Teach with SAS Curriculum Pathways

CEU Opportunities


From on-site workshops to self-paced, online learning, we can

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*Spend time with educators and a few

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Algebra 1 Course

Unit 5: Data Analysis



There's one thing that affects everyone's daily activities: the weather. You might have a ballgame that gets rained out or a sunny day for a trip to the lake or enough snow for snowboarding. Weather forecasters, or

meteorologists, are the people who tell us what we the weather. But how do they know?

Watch this video about a group of research scientists and analyze data and use it to model and predict th



Unit 5: Data Analysis 5-1: Graphing One-Variable Data

Get Ready Learn Practice Review

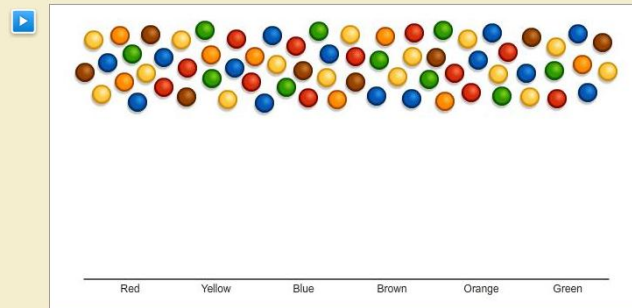
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Dot Plots

From Get Ready we've seen that data can be represented graphically in several ways. One such way is a dot plot.

A **dot plot** is a graph where dots are used to represent individual data points. The dots are plotted above a number line. Dot plots can be used to represent frequencies for categorical or quantitative data.

To make a dot plot, draw a horizontal axis labeled with each category. Then add dots to represent the frequency of that category. Click to see the dot plot for the M&M data.



Now use the dot plot to answer the following questions.

11 Which color appears most often?

- red yellow blue brown orange green

12 There is the same number of ____ and ____ M&M'S.

Unit Resources

- 5-1: Graphing One-Variable Data
- 5-2: Analyzing One-Variable Data
- 5-3: Two-Variable Categorical Data
- 5-4: Two-Variable Quantitative Data

In this unit, you'll learn to

- ✓ Represent data on a dot plot, histogram, and box p
- ✓ Determine the five-number summary (minimum, first median, third quartile, maximum) for a data set
- ✓ Use the interquartile range of a data set to identify
- ✓ Analyze the shape, center, and spread of data
- ✓ Compare two sets of data
- ✓ Construct a two-way frequency table
- ✓ Interpret relative frequencies in a two-way table
- ✓ Graph data on a scatterplot

Getting Started

1. Go to www.sascurriculumpathways.com.
2. Click **Sign Up** in the upper right corner, and then follow the directions to subscribe and create your teacher login.
3. Check your e-mail to activate your account.
4. Begin using SAS Curriculum Pathways.

Questions

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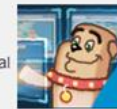
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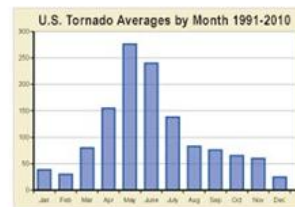
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