

AUGUST

How much sugar is in a large bag of cotton candy?	Research beach sand around the world. How and why does it differ?	http://geology.com/stories/13/sand/	Make aqua sand: http://www.growingajeweledrose.com/2014/05/homemade-aqua-sand-recipe.html	Sand compression experiment http://www.sciencebuddies.org/science-fair-projects/project_ideas/Geo_p023.shtml
Take a tech walk: what technology do you see around town or the neighborhood?	How many calories did you eat yesterday? How can you use technology to determine and track your calories intake?	How many lightning strikes happened in the US this summer? What are the odds? (# of storms vs # of strikes)	Do marbles roll faster down steeper inclines? Does length of the incline matter?	How do roller coasters stay on their tracks?
Website of the month: http://blog.growingwithscience.com/	With a \$200 budget, what would you buy for back-to-school. Use store flyers or the internet for prices.	Design a better backpack! What do you think is most important in a great school bag?	Did you know that engineering is used to create safe routes to school? Check out: http://guide.saferoutesinfo.org/engineering/index.cfm	Using these pictures, How have school buses changed? http://schoolbusdriver.org/oldshots.html
How does the number of children in your group compare to last school year? What is the percentage increase or decrease?	Are there more girls or boys in your before/after school class?	Graph the grade levels of the children in your class.	How many different school teachers are represented in your class?	Graph morning arrival times of the children.

