MathEdge Shines

Creating Sharp Minds for Sharp Solutions

January 2016

NEWS

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Winter Open House

JAN 17, 2016 (Sun) 10:00AM-12:00PM

FREE English Test (GK-8, new students only) - must sign-up for an half-hour timeslot at mathedge.org

Writing+: Polish Your Writing Skills (GK-12, Sept-Jun) This program aims to educate students on perfecting their writing techniques and cultivating stronger writing skills through various types of compositions (narrative, expository, persuasive, etc)

MathEdge+: Sharpen Problem Solving Skills and Excel in Math Competitions (GK-12, Sept-Jun) (for advanced students) This program teaches valuable problem solving skills, critical reading, logical math, written and oral presentation skills.

Math&EnglishCore: Get Prepared for Common Core! (GK- 8) (Year Round) This is a guided program created to help students achieve day-to-day success and ace their common core tests in school.

Enriched Afterschool Programs (Mon-Fri 3-7pm) (GK-8, Sept-Jun)

At Cupertino Location: 7250 Bark Lane

THIS MONTH:

1/4/2016—1st day of class

1/10/2016—OpenHouse: free AP CS mini-test!

1/17/2016—OpenHouse: free English test!

CODE+ new additions!

HTML + CSS Web Development

HTML is used to create websites. It gives the capability to arrange graphics on webpage, link to different pages within a website as well as link to different websites.

CSS is a stylesheet language that describes the presentation of HTML document. CSS elucidates how elements must be rendered on screen or in any other media.

COURSE FEATURES:

- Create your own web page,
- Learn to Jazz up your web site with animations and designs,
- Style your website with CSS
- Learn to add visual excitement to your website
- Learn to design forms
- Learn to publish your website to the Internet—in the JavaScript

JavaScript

JavaScript is the most popular programming scripting language for the Internet. Its power is to make the web pages interactive and responsive. It is lightweight and easy to learn. It is used in almost every website to respond to user actions, validate web forms, detect browser support, and much more.

COURSE FEATURES:

- Learn to Use DOM and jQuery to make interactive web pages
- Learn to Use canvas elements for animation
- Learn to program user controlled games
- Learn the basic programming concepts like data types, functions, control structures and Strings
- Create functions to organize and reuse your code
- Modify HTML to create dynamic web pages

Prerequisites: Basic knowledge of HTML and CSS

Sneaking Around Night

Narrative By: Kerensa Hardesty (W3)

The sky was like fire—red, orange, and yellow: the colors of anew day, freedom, the opposite of the dark.

I glanced around my room. My blinds were shut, my stuffed animals were lined up carefully in the corner, and my desk was exactly as I left it: messy, and completely covered in a large mass of drawings. Everything was find, my room was exactly the way I'd left it before I went to sleep. I sighed in relief. I made it through another night. I started watching a movie on my mother's iPad about ghosts. The title? A woman walks through a ghost in Japan.

The music grew louder, and more intense, blotting out the wound of my uneven heartbeat and frantic twitches. There was a woman in a red, formal dress. Her auburn hair was done up and she looked as if she were heading to an important meeting. She was stepping slowly toward the faded figure, completely oblivious that it was there. Then—I watched as the woman screeched and fell the ground.

She did not get back up again. The screen showed the play button, and the video was over.

I only knew one person who could help me in this situation: Chynia, also nicknamed: The Ghost Queen. This was because she claimed that she knew all about ghosts, and even tamed a couple. So the next day, I told her: "I'm afraid of ghosts."

She brushed her black hair away with the back of her hand. "I wouldn't blame you. You have at least fifty ghosts in your house." she said, matter of factly.

"Fifty?" I asked, dumbstruck.

"At least fifty."

This didn't help. Also, when I tip-toed into the playroom, a small room that was clustered with toys and books, to watch a movie on the iPad, something seemed wrong. When I dabbed my finger at the black screen, I pressed it and the home button: once, twice, three times. It didn't work.

"Mom! The iPad doesn't-"

The door to the playroom slammed shut.

I looked up, startled. I padded toward the door. I swung it open. "Mommy?"

She wasn't there. It might have just been the wind, I assumed. I leapt toward the windows to close them.

The windows were not open.

Three cheers for cause and effect. I had a lot of problems sleeping that night.

Darkness. I looked around, for anything, anything that could be a ghost. And I didn't see anything like that. That didn't help, for that would mean that the ghost could be anywhere. But I had checked inside my flower drawer, behind my desk, in my closet, and under the covers. No ghost.

The clock glowed through the darkness: 10:30. I was tired, so the world finally faded away, and I was asleep.

I woke up to a knocking sound. In the corner of my vision, right behind the door, I saw a ghostly figure—maybe a girl a few years younger than I. I only saw her for a second. In that second, I was unable to process what she looked like.

"No!" I sat up in bed, frantically pushing the bed covers away from me. "Come back, ghostie!" I ran towards the door.

I peered out the door. No ghost. I looked down the dark hallway. For some reason, I didn't feel afraid. That split-second, ghostie's image could have possibly been a trick of the eye. As I headed back to the darkness-covered bed, I felt as if I was no longer afraid of ghosts. But even that didn't soothe me. I did not sleep at all when I heard the doors slam downstairs as the clock chimed twelve times.

Less Soda

Speech By: Joyce Huang (W1)

Hello, my name is Joyce, I'm going to 3rd grade, and I'm going to tell you why you should drink less soda.

It will prevent cavities so you can save money on dental bills, you'll have less pain in your mouth, and have a nicer smile.

There will be less of a chance you'll get diabetes, so you can live longer, healthier, and happier. You can save money on doctor bills and exercise more.

Water is a lot healthier than soda, and is free. Soda costs money and is bad for you.

You should drink less soda because it will prevent cavities, diabetes, and you can save money.

Beijing

Poem By: Aiden Yuan (W1)

Flying to Beijing was exciting
Thinking about the tasty dumpling
Hearing the dogs woof woof
Hearing the birds choof choof

Meeting my relatives since a long time
Catching up with them in a quick chime
Hearing stories of all kinds
Coming back in a quick line.

Should Cell Phones be Allowed in School?

Persuasive Paper By: Janelle Cai (W2)

Have you ever bumped into a time when you were in deep need of a cell phone? I have many times. One time was when my driver forgot to come pick me up. If I went to the office, they would probably be dealing with other kids or talking to a parent. Cell phones should be allowed because they can be educational, you can use them in an emergency to contact parents, and you can use them to research.

Educational games are good for your brain. Educational games can keep your grades up and parents may reward kids for that. We can use them to study for at tests if we don't like textbooks. Also, textbooks don't always tell you everything, so cell phones will help. On our phones, we can listen to music. This can make us feel relaxed so we will do better in school. Cell phones should be allowed for educational purposes.

Also, cell phones should be allowed in the case of an emergency and there are no adults around. Kids can simply dial an emergency contact and ask for help. "Why hurt the thousands of parents and students who use cell phones appropriately, only to and from school or during an emergency?" Randi Weingarten, president of the United Federation of Teachers said. Children can also feel more relaxed because they know that in any case of an emergency, they can call their parents for help. If you forget your homework at home, you could simply just call your mom and ask her to ring it. You can also tell your parents if you were doing something that wasn't planned. For example, you could tell your parents if you were going to the mall with your friends and planned to go to the pizza place later. Your parents wouldn't know anything about that if you didn't have a phone. We need cell phones during emergencies.

Cell phones are valuable research tools. For example, what if there was a test in the morning and yesterday just happened to be your busiest day? With a phone, you could easily find your topic online and study while you are getting to school. If you didn't have your phone, you would have to dig through your backpack and get your textbook to read it. Also, when we need to do something on the iPads, there is never enough for everyone and getting along with a partner is not the easiest thing to do. If we had iPhones, the teacher could tell us the app, and we could download the app. We should have cell phones in school to research.

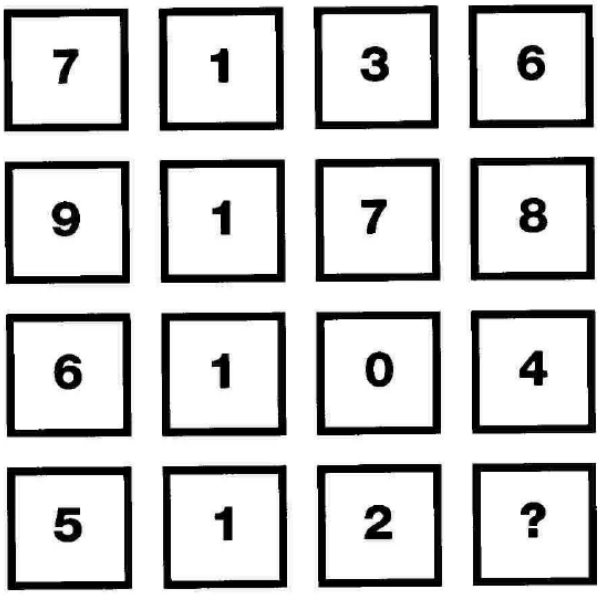
Some people might say that cell phones increase cheating. Students can put their hand on the chair and search up the question. The teacher might not notice them doing it. They can also text their friends for answers. Teachers can take devices to the front of the room so we can't cheat. Teachers can also make sure that all devices are on airplane mode. That way, they can't get on the internet.

In conclusion, cell phones should be allowed in school because they are educational, we can use them in emergencies and we can use them for research. If we aren't allowed to bring cell phones to school, children will be sad because they can't play on their phones.

Puzzle of the Month

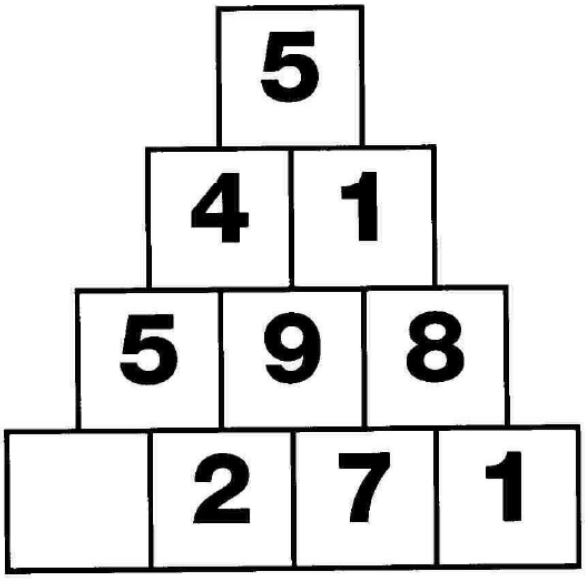
Puzzle #1

What number is missing?



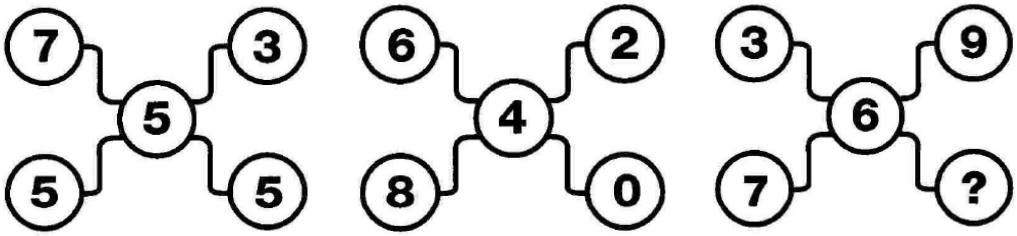
Puzzle #2

What is missing from this pyramid of numbers?



Puzzle #3

What is missing from the last shape?



Puzzle #4

Following a logical sequence, can you complete the puzzle?

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