

# TRUNK NEWS

news from the trunk

Thursday, March 29, 2012

*Good bye Anna...*

*...thanks for your  
huge contributions!*

## **Spring Break**

From Friday, April 6, 2012, to Monday, April 16, 2012





## Letter from the Superintendent, Greg Hughes

Dear Parents,

In a small community like ours word travels fast, and so I am sure that most of you have already heard the news that Mrs. Anna Garcia, our longtime Business Manager, has decided to move to the United States and start a new life.

Mrs. Garcia has been the backbone of the school for over 22 years, and the work she has carried out in this time has been immeasurable. Over the years, the scope of her role has seen her take on a wide range of responsibilities and she has excelled in all of them. She has been the face of KAS, meeting and greeting new families as they arrive and farewelling them once they leave.

Words are difficult to convey when someone like Mrs. Garcia leaves as she has been a friend to all of us and she will be missed greatly.

Beyond being a blow to the school, it also represents a huge challenge in terms of replacing her with a person of equal standing. Nonetheless, the search has begun and we are now looking for a candidate who has the following attributes: outstanding managerial skills, experience in business management, the ability to formulate budgets and to successfully manage the school accounts. As well, part of this person's job description will also include the duties of admissions officer, maintenance supervisor and office manager.

If you know someone who you think would be suitably qualified please have them send their curriculum vitae and a covering letter to the superintendent via email to [ghughes@krtams.org](mailto:ghughes@krtams.org). A detailed outline of the job description can be viewed by following the link on the school website. The deadline for applications is Thursday, the 5th of April.

In all, I guess it would be fair to say that we need a super person to replace the super person we already have.

I wish Mrs. Garcia and her family the best of luck and I hope that the new chapter in the US turns out to be happy one, and to our school communities, please help us in the search for finding her replacement.

As always have a great weekend.



Positions Available at KAS  
for School Year 2012/2013:

- Kindergarten Teacher
- Arabic Teacher
- Business Manager

Please send a covering letter  
and CV to [ghughes@krtams.org](mailto:ghughes@krtams.org).

## Letter from the Middle and High School Principal, Susan Boutros

Dear Parents and Friends,

It is this time of the year again! The third quarter report cards were sent home with your student yesterday. In some schools, report card time is recognized as one of the most stressful times for families - mostly because of the element of the unknown. I am happy and proud to say that this is not the case at Khartoum American School. At our school, students and parents are more aware of their child's progress and report cards are usually not a surprise. Students have had multiple opportunities to discuss their success and grades with their teachers before the report cards go home.

No matter how your child's grades are, you can use the way you talk about her report card to help her do better in school. Set aside time to talk with your children about their report cards. Ask your child why she or he thinks they earned the grades they did. It is important to help your children see the connection between the things they did and the grades they earned. Ask your children whether they did their best. What is important is not that your child be the best, but that he or she do the best they can.

If the report card is disappointing or if grades are unexpectedly low, try to find something positive to say. You may need to talk with the teachers. Please do not hesitate to call the school to set a meeting time. If the report card is especially good, tell your children how proud you are of their accomplishments and encourage them to continue in that direction. It is also very important to set specific goals for the next reporting period. Help your child make plans to improve in at least one area. Write out an action plan to achieve the goals and support your child in achieving them.

Have a lovely weekend!

### HIGH SCHOOL DANCE AT KAS!

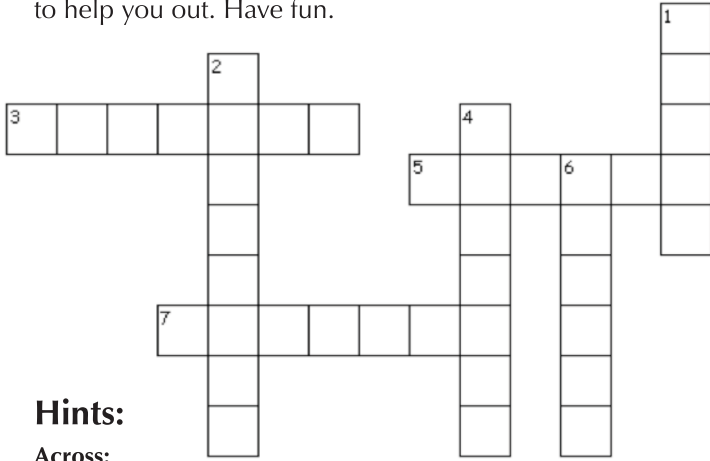
THE KAS HIGH SCHOOL STUDENT COUNCIL WILL BE HOSTING A DANCE TOMORROW, THURSDAY THE 29TH OF MARCH. ALL KAS HIGH SCHOOL STUDENTS ARE INVITED AND MAY BRING A GUEST WHO IS ALSO IN HIGH SCHOOL. TICKETS ARE 10 SDG FOR KAS STUDENTS AND 15 SDG FOR GUESTS. DANCE BEGINS AT 7PM AND ENDS AT 11PM. DRINKS WILL BE AVAILABLE FOR ALL THIRSTY DANCERS TO PURCHASE.

**WE HOPE TO SEE EVERYONE THERE!**



## Artists We Learned About in Art Class

We have learned a lot about different artists in art class this year. If you ask any student in elementary or middle school at KAS to tell you about one artist that they learned about this year, you would be pleasantly surprised about what you would hear. Below is a crossword puzzle that fits seven different artists that the students have learned about. There are hints underneath the puzzle that give you clues to which artists names to use. You can also ask the suggested students to help you out. Have fun.



### Hints:

#### Across:

- Vincent \_\_\_\_\_ painted the Starry Night with thick brushstrokes. (Ask students from Grade 5)
- Andy \_\_\_\_\_ was famous for his prints of Campbell soup cans. (Ask students from Grade 8)
- Romare \_\_\_\_\_ made collages influenced by the Harlem Renaissance. (Ask students from Grade 8)

#### Down:

- Frida \_\_\_\_\_ is a Mexican painter and also is Ms. Jamie's favorite artist. (Ask students from Grade 2, 3, 4, and 6)
- Henri \_\_\_\_\_ painted jungles with hidden animals in them. (Ask students from Grade 3)
- Leonardo \_\_\_\_\_ kept a journal filled with drawings and inventions. He also painted the Mona Lisa. (Ask students from Grade 2)
- Keith \_\_\_\_\_ is a Pop Art artist that drew moving abstract figures with chalk in New York subways. (Ask students from Grades 1, 7, and 8)



### We've Come So Far, But Where are we Headed?

Conferences are over, third term report cards have gone home, several students have already received college acceptances, and we're already a week into fourth term. The end of May seems not far off, and yet, there is so much to do in that time. The tendency is to get stuck in a poor routine at this point. Students get too comfortable, or having received college acceptances, too relaxed, or they just start to slow their momentum. The beginning of fourth term is not the time for this. This is the time to reflect back on September, and compare. Look back through writing, and tests from the beginning of the year. What did your writing and projects look like in September, what do they look like now? How has your writing matured? How do you approach projects differently? Can you believe how much you've learned and changed so far? What's your stumbling block right now? What's bothering you right now? What obstacle is stopping you from being most successful these days? Even if it's a circumstance beyond your control, what are you going to change about the way to do things, or approach situations to make things better, and to bring you closer to the end goal of finishing the year strongly? Write down some things that have surprised you this year, and write down two positive things you will start to do to increase success and enjoyment at school and home. Stick to your path, keep the end in mind, and keep good people around you. Study hard, work hard, rest well, eat well, be a good friend, and go for your goal!

## In Language Arts Grade 6

During February the students completed a poetry unit. As a class they read two stories written in free verse by Sharon Creech. They also read a variety of poetic forms and styles in different books. Each student wrote 10 original poems with a wide choice of topics and styles. Poetry often breaks the rules of grammar, spelling, and word usage. We hope you enjoy the original poems by the KAS 6th graders.

Everyone knows who I am I  
I am the King of fame  
For everywhere the subway  
Goes. Moses David is my name  
By Moses Lominyo

L d City  
Hea the city with  
it h tle and b tle  
hebi d a e chi pin  
ke a e b pin  
En ine a e a in  
lane a e a in  
hi i the c nc ete j n  
By yaqiel hi

School  
Sleep, snore, dream  
Wake up, open your eyes,  
Take a shower  
Go to school  
Sleep, snore, dream  
By Omnia Alzeen

Soldier  
I saw a soldier.  
All clad in blue.  
He sat up against a wall.  
Eyes clouded.  
A bright crimson spot.  
Spreading on his chest.  
The soldier sat.  
Dead.

By Noah H. Wolf

I went to the lake  
like a cake  
One that's hard to make  
Cuz I need a break  
By Ahmed Mohammed

Bill Gates  
Snore! Snore! Snore!  
Bill Gates is on the floor.  
Oh no, someone came through the door,  
He has a knife, he'll take Bill's life.  
By Jairus Quizon

I went to a plane  
Then next I went on a train  
I fell on some metal and opened my vein  
By Mohamed Mubarek Ibrahim

Stone cold Steve Austin  
Look it's stone cold  
I love that guy  
Stone cold and his qutes "what"  
or "stone cold said so."  
By Mohamed Eltigani Ibrahim

I hate you  
I hate you  
No, I like you  
I'll throw you off a cliff  
and rush to the bottom and  
catch you  
By Bashir ElNebeidi

Aliens  
Creepy weird Slimy things foul and at  
Night they howl like wolves the only way  
To get by them are to five them dirty  
Scowls or else you're history in space  
By Hamada Gamil

Poems by mother and I  
My mom made me a chicken snack  
I lay all day on my back  
Doing nothing and looking the rack  
Oh no I forgot to fill in the blanks  
The homework I had to do for Mr. Jack  
By Mamoun Ismail

Bubblegum  
Bubblegum bubble, yum!  
POP!  
The bubblegum bubble was shot by a gun.  
Now I have to get bubblegum leftovers  
o&b my mouth, no fun!  
By Lydia Mabram

NIGHT  
DARKNESS ALL AROUND  
NOTHING BUT BLACK  
AND BITS OF GLITTERING  
WHITE  
STARS  
AND ONE SMILING  
SILVER MOON  
BY LUNA AL KATARAWAN

A Cake  
I made a cake as big as sun,  
a cake that weigh as much as a  
ton.  
A cake that's too heavy to take  
and toss,  
a cake with oceans of sauce.  
By Tony Wang

School  
I sit there wondering what the teacher is talking about  
I doze off into my own world  
When I do come back all I see are white walls,  
friends telling on  
Each other, some sleepings, and the teacher screaming.  
By Liza Elbarbary



**Winners:**  
 Lewan-KG,  
 Hafiz-Grade 1,  
 Ben-Grade 2,  
 Amsyar-Grade 3,  
 Fawzia-Grade 4,  
 Manuel-Grade 5.

**Elementary School Math problem:**

**Kindergarten:** 🐰🐰🐰🐰 were playing in the grass. 🐰 hopped away. How many bunnies are left in the grass?

**Grade 1:** Solve: 26-9.

**Grade 2:** There are four cars parked in a row. How many wheels in all?

**Grade 3:** If a cube represents 2, then:

- a. What is the value of a long?
- b. What is the value of a flat?
- c. What is the value of a big cube?

**Grade 4:** Multiply. Use the lattice method. Show your work.  
 49 x 52

**Grade 5:** Balqis's orange has 17 slices. She shares it with her two friends, making sure that each person gets an equal amount. Their teacher says she would love to have some, if there are any slices left over.

- a. What fraction does Balqis get to eat?
- b. What fraction does her teacher get to eat?

**Middle School Math problem:**

A lake resort owner rented a cabin for 14 days on the condition that he would receive \$40 a day for every day it did not rain and \$10 a day for every day it did rain. At the end of 2 weeks, the resort owner received \$380. How many days did it rain?

**High School Math problem:**

Write the following as a single logarithm:  
 $\log_2 x + 3\log_2 3 - \log_2 y$

**Solutions from the last week: Kindergarten:** 15 stars; **Grade 1:** 110; **Grade 2:** 36 (must show a 9-by-4 array); **Grade 3:** 1.A, 2.B, 3.C, 4.B; **Grade 4:** 1,000; **Grade 5:** 1/4; **Middle School:** 4:3; **High School:** \$2,329.34

Circle one:

High School       Middle School       Elementary School

Name: \_\_\_\_\_ Grade: \_\_\_\_\_

Answer: \_\_\_\_\_

**Calculus Class**

Imagine you are at the doctors office and suddenly realize you are thirsty. In the corner of the waiting room is a water cooler (pictured right) with paper cone shaped cups. You fill up a paper cone with water. The water fills at a constant rate of 30ml/sec. However the water level does not rise at a constant rate. As the water rises, the diameter of the cone's top increases, thus there is more space for the water to fill up. As a result the water level rises at a slower rate as time passes.



How it Relates to Calculus? Calculus is mainly concerned with how one-quantity changes in relation to another quantity; we call this the rate of change. The rate of change in this case is the depth or height of the water with relation to time. In Calculus, the rate of change is expressed in the form of "derivatives." There are two rates of change at play as we fill up our paper cup. The first is the change in volume with respect to time, we write this as  $\frac{dV}{dt}$ . The second is the change in the height of the water with respect to time, expressed as  $\frac{dh}{dt}$ .

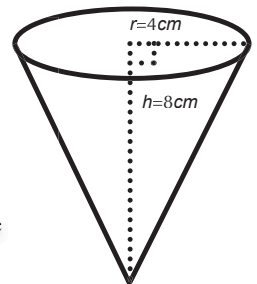
$$V = \frac{1}{3}\pi r^2 h \quad \frac{dV}{dt} = \frac{\pi h^2}{4} \frac{dh}{dt}$$

$$r = \frac{h}{2} \quad \frac{dh}{dt} = \frac{4}{\pi h^2} \frac{dV}{dt}$$

$$V = \frac{1}{3}\pi \left(\frac{h}{2}\right)^2 h \quad \frac{dh}{dt} = \frac{4(30)}{\pi h^2}$$

$$V = \frac{1}{3}\pi \frac{h^3}{4} \quad \frac{dh}{dt} \approx \frac{38.2}{h^2} \text{ cm / sec}$$

$$V = \frac{1}{12}\pi h^3$$



Now we have a formula that allows us to calculate the speed at which the water level is rising at different times. For example, when the water level is 4cm deep:

$$\frac{dh}{dt} \approx \frac{38.2}{(4)^2} \text{ cm / sec} \approx 2.4 \text{ cm / sec}$$

This means, at the moment the water is 4cm deep, the level is rising at a rate of 2.4cm/sec

By Iman El-Mahdi and Awab Safieldin

**Volleyball News**



On Tuesday, the boys started off the volleyball season at KAS. Mr. Ben and Ms. Kelley's teams were hosting the U19's from UHS, along with the U14's from UHS, KICS, and NVA. The first game to start was the U19's. The boys came out and took control very early. They won in two sets. The U14's played all three games and came up just short. Things look to improve next week as the boys play at Unity on April 3rd.

The girls' teams played on Wednesday and both did very well. The U19 girls, coached by Mr. Hani and Mr. Marlo, played very well to beat Unity 2 sets to 1 in a good game to watch. On the other court, the U14's, coached by Mrs. Kirby, started off the season with a well deserved win over KICS in one sided 2 to 0 match. The next game was so close it was decided by a third set score of 17 to 16 going in the favour of Unity. The girls will be playing next at Unity on Wednesday, April 4th.

