

Reading Math, Reading Fun

Happy 20th Birthday, WWS !! To celebrate this special occasion, Whasanians are eager to give blessing to the school by sharing what they have learnt in their Mathematics reading. Here we go!

Amigrams

~Ambigrams are writings that can be read in more than one way. ~

FANG Yan Yan (1A) created an ambigram of the word "YCHWWSSS" as a birthday gift to WWS.

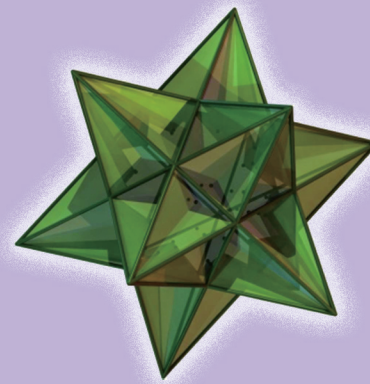


The above design can be read the same when rotated by 180°! That is so cool!

Great Icosahedron

~In geometry, an icosahedron is a polyhedron with 20 faces.~

CHIU Ka Cheong (3C) introduced us to a special type of icosahedron called the *Great Icosahedron*. A Great Icosahedron is composed of 20 intersecting triangular faces, having five triangles meeting at each vertex. What a shape!

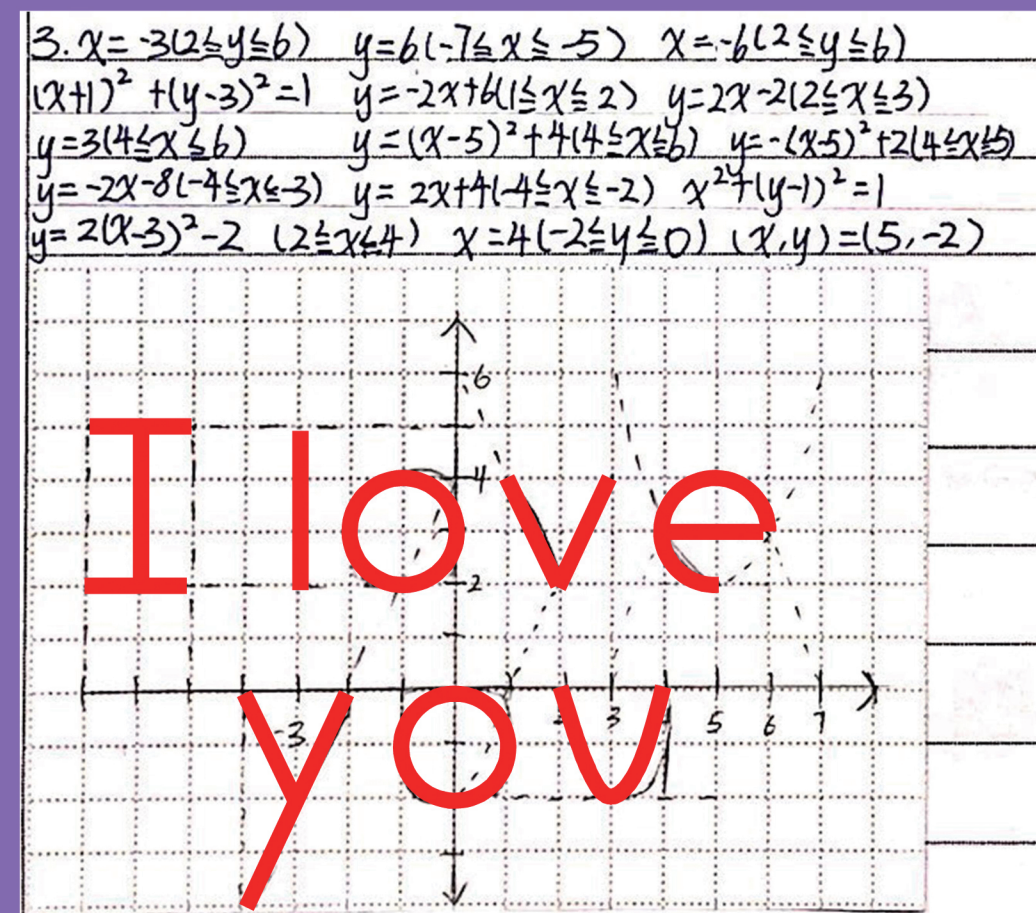


Animation:



Coordinate Geometry

Look what LAU Hung Hei (2A) wanted to say to WWS:

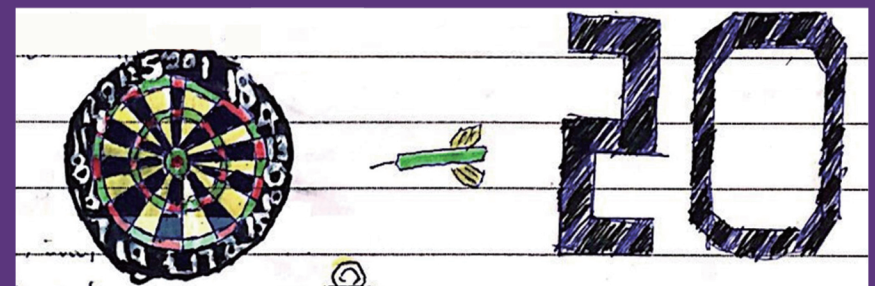


Magic Square

LAU Ka Him (3A) discovered a magic square that adds up to 20 by using any four numbers from 0, 2, 4, 6 and 8.

2	4	6	8	20
4	4	8	4	20
6	8	6	8	20
8	4	0	8	20
20	20	20	20	

He also shared that "A dart board is divided into 20 sectors".



"Piem" (Pi and Poem)

LEE Lok Yi (2B) provided us a good way to remember pi. You may remember that pi is 3.14, but the decimals behind it may not be easily remembered. There is a little trick, just remember the "piem":

"May I have a large container of coffee?"

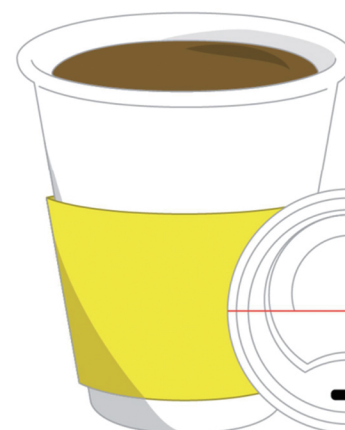
Next time when people say to you,

"May I wish a happy twentieth to YCHWWS?"

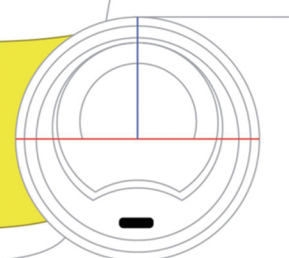
You know what they are talking about? Hmmm.... Right??

May I have a large container of coffee?

3. 1 4 1 5 9 2 6



$$\pi = 3.1415926$$



$$\text{Area} = \pi r^2$$

$$\text{Circumference} = \pi d$$

Interview with our Principal



To celebrate the 20th Anniversary of our school, we are glad to invite Principal Yau for an interview.

Q1. Which subjects did you study in Secondary 6 and 7?

I studied subjects such as Physics and Mathematics.

Q2. Did you have any special methods to solve Mathematical problems more quickly and easily?

I would look for similarities in different problems and try to apply the techniques I learned from previous problems. Also, practice is the key.

Q3. If you got difficulties in solving a problem, what would you do?

I would try as much as possible first before asking my teachers/classmates for help. I would look for examples from textbooks. And if I still could not solve the problem, I would ask my classmates for hints instead of a solution.

Q4. What do you think about our students' abilities in Mathematics?

According to the public exam results, our students are definitely good at Mathematics. Most other schools do not offer both M1 and M2 as elective subjects but our school does! Our students show great interests in Mathematics and that is why our school puts so much resources in it especially when STEM is getting more popular in these few years.

Q5. What are your expectations to our students?

I hope all of our students have good foundation in Mathematics. It is important to their future to have good logical thinking skills.

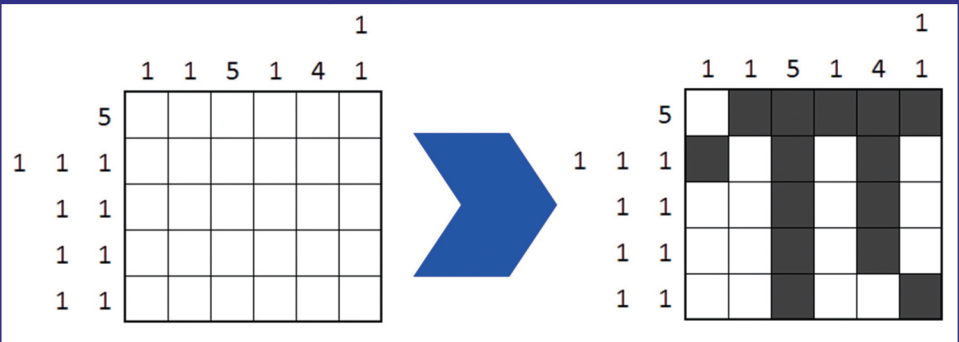
Q6. I know that some students think that doing Mathematics is boring and troublesome; some even question the purpose of studying those complicated problems. What do you think about these?

For me, Mathematics is interesting. Never give yourself excuses to get away from the problems! You will feel contented after solving a difficult problem! Some of our graduates choose to take Mathematics related courses at universities. In order to study well in many subjects such as Economics, Physics, Engineering, etc., you need a good basis in Mathematics.

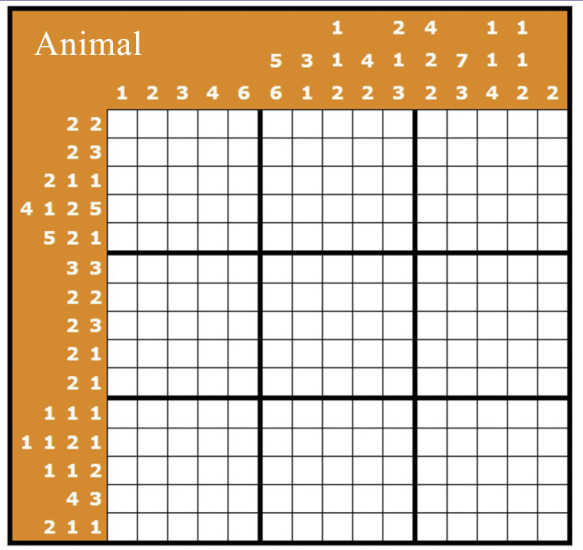
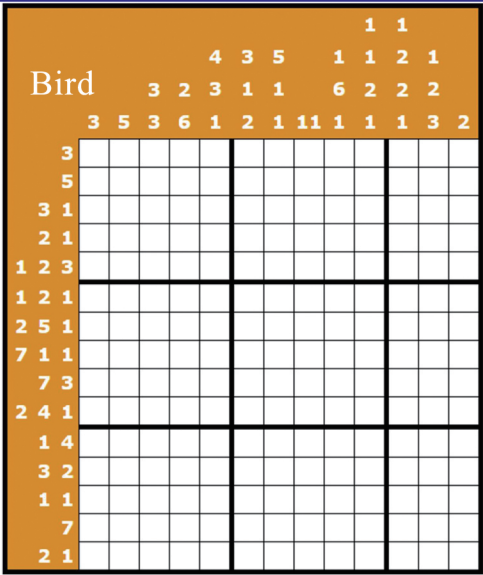
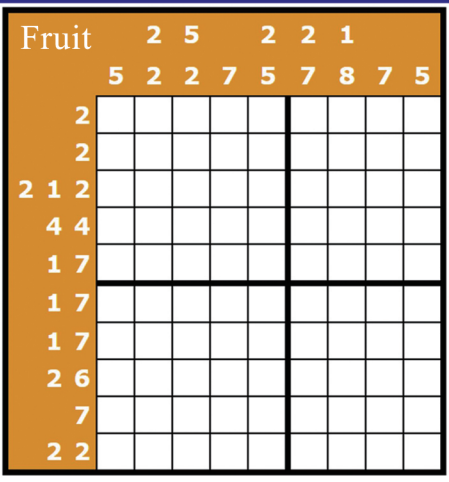
"In the broad light of day mathematicians check their equations and their proofs, leaving no stone unturned in their search for rigour. But, at night, under the full moon, they dream, they float among the stars and wonder at the miracle of the heavens. They are inspired. **Without dreams there is no art, no mathematics, no life.**"

Michael Atiyah (Notices of the AMS, 2010)

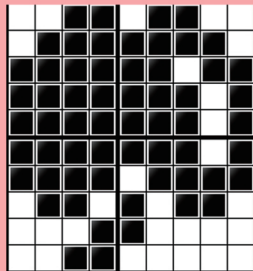
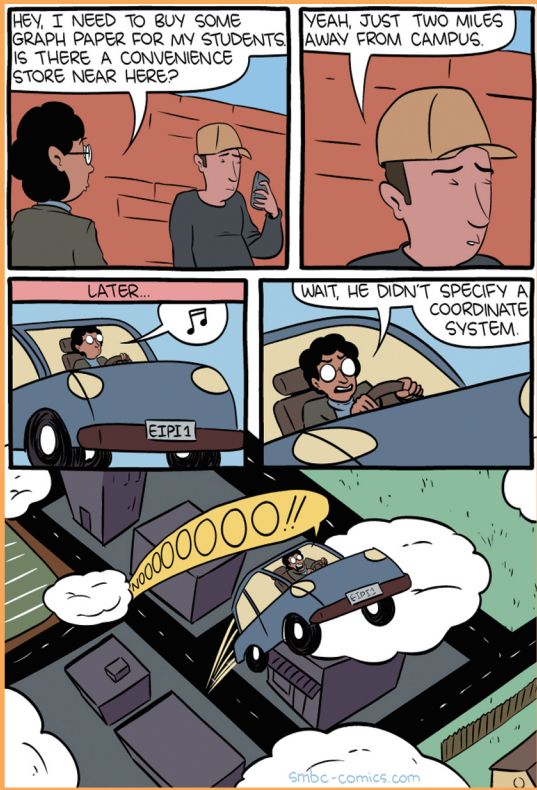
Nonogram



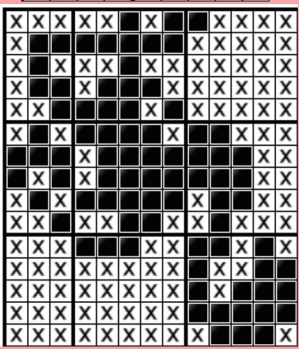
Finish the following nonograms.



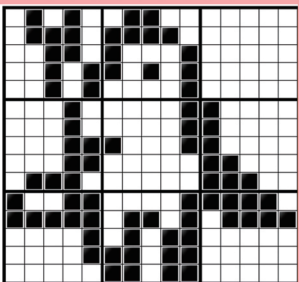
Use of Mathematics



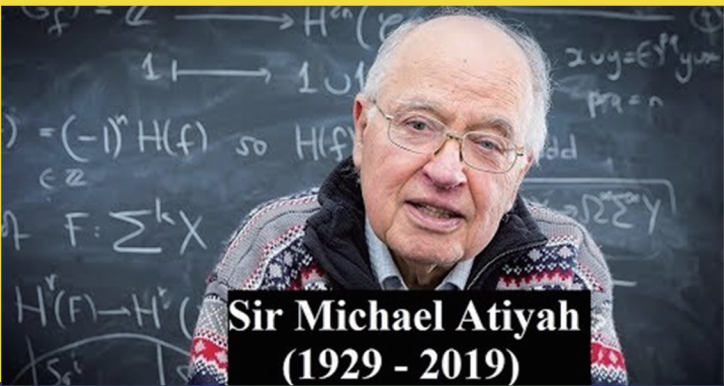
Fruit



Bird



Animal



Sir Michael Atiyah
(1929 - 2019)

Editors : 2A WONG Nga Man, 2A TAI Wing Kiu
Advisors : Miss WONG Sau Nga, Miss CHIU Wing Yi,
Mr CHAN Yiu Kuong



仁濟醫院王華湘中學
Yan Chai Hospital Wong Wha San Secondary School