OSHWAL ACADEMY NAIROBI

JUNIOR HIGH

TERM III
WEEK 7
NEWSLETTER
2023/2024

QUOTE OF THE WEEK:

“Always walk through life as if you have something new to learn and you will“

~~ Vernon Howard ~~

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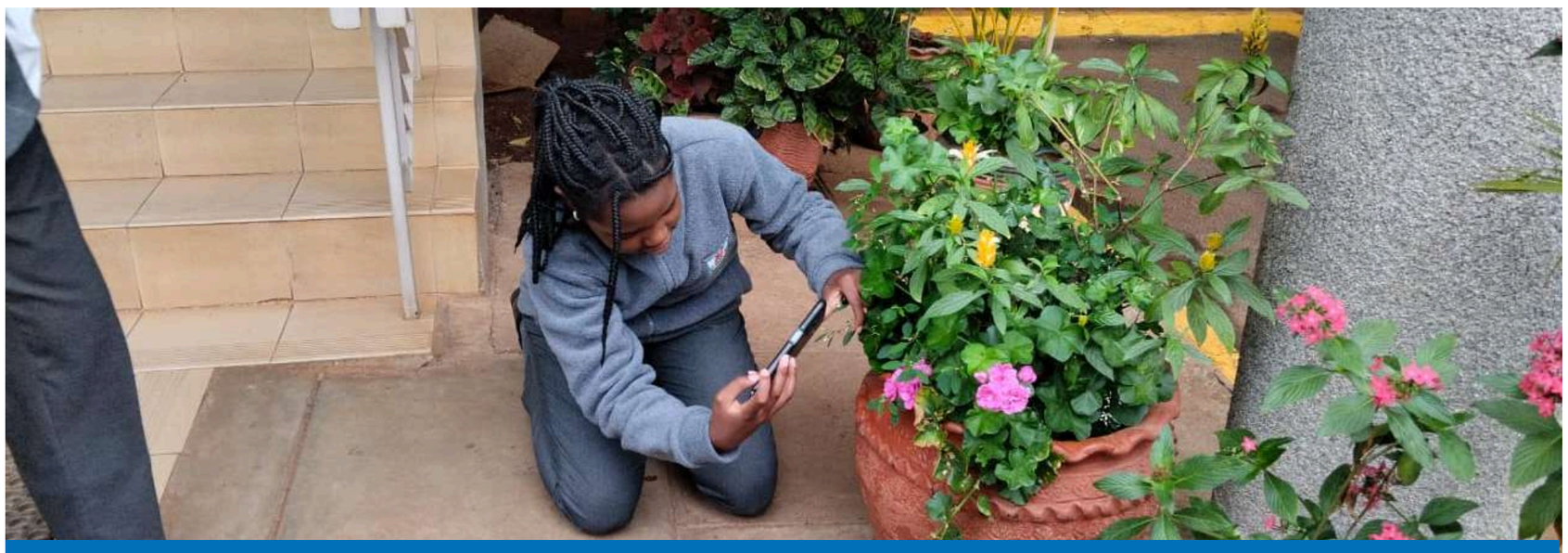
First Parklands avenue,
Off Mpaka road Parklands.
Nairobi Kenya.

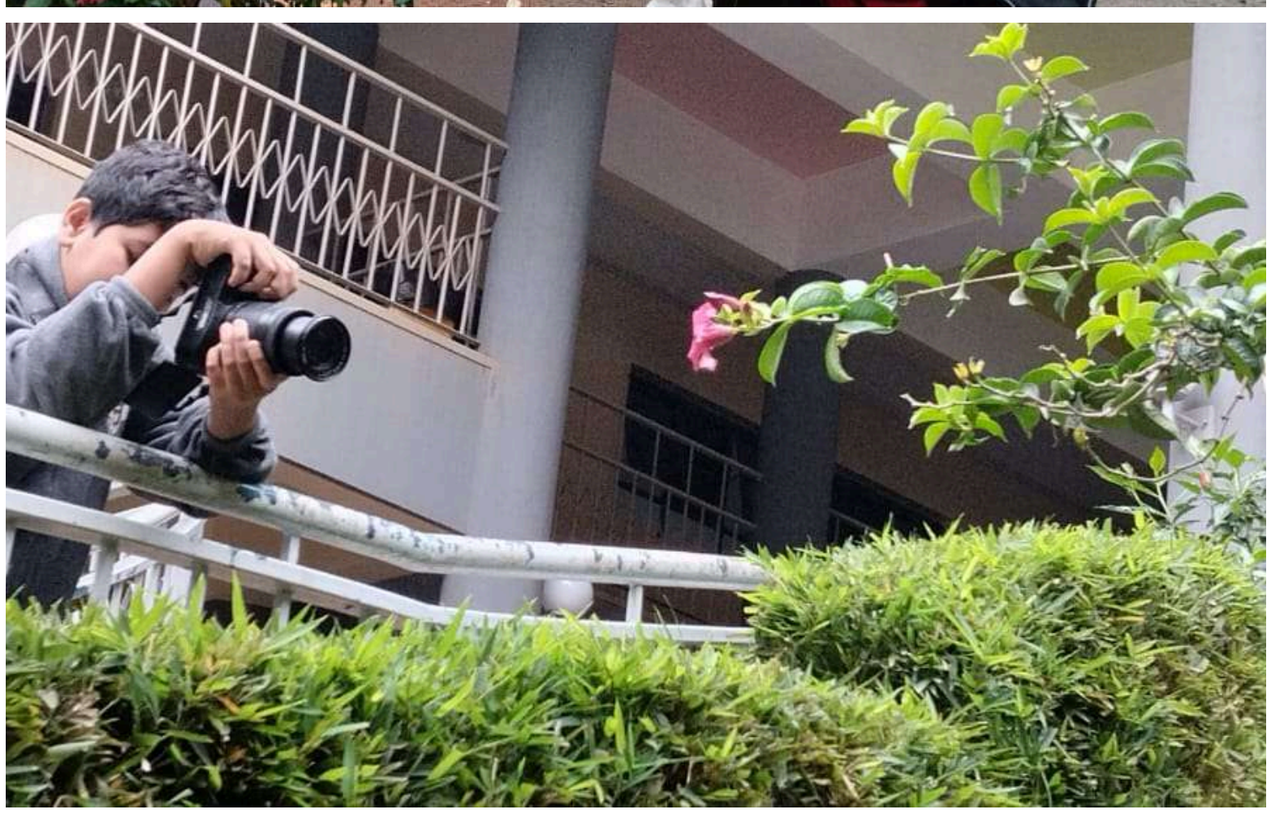
YEAR 7 & 8 ANNUAL MFL LANGUAGE MORNING AT BROOKHOUSE RUNDA IN PICTURES

Vidhi Kamal awarded 1st position on French Ppt Presentation at Brook house Runda

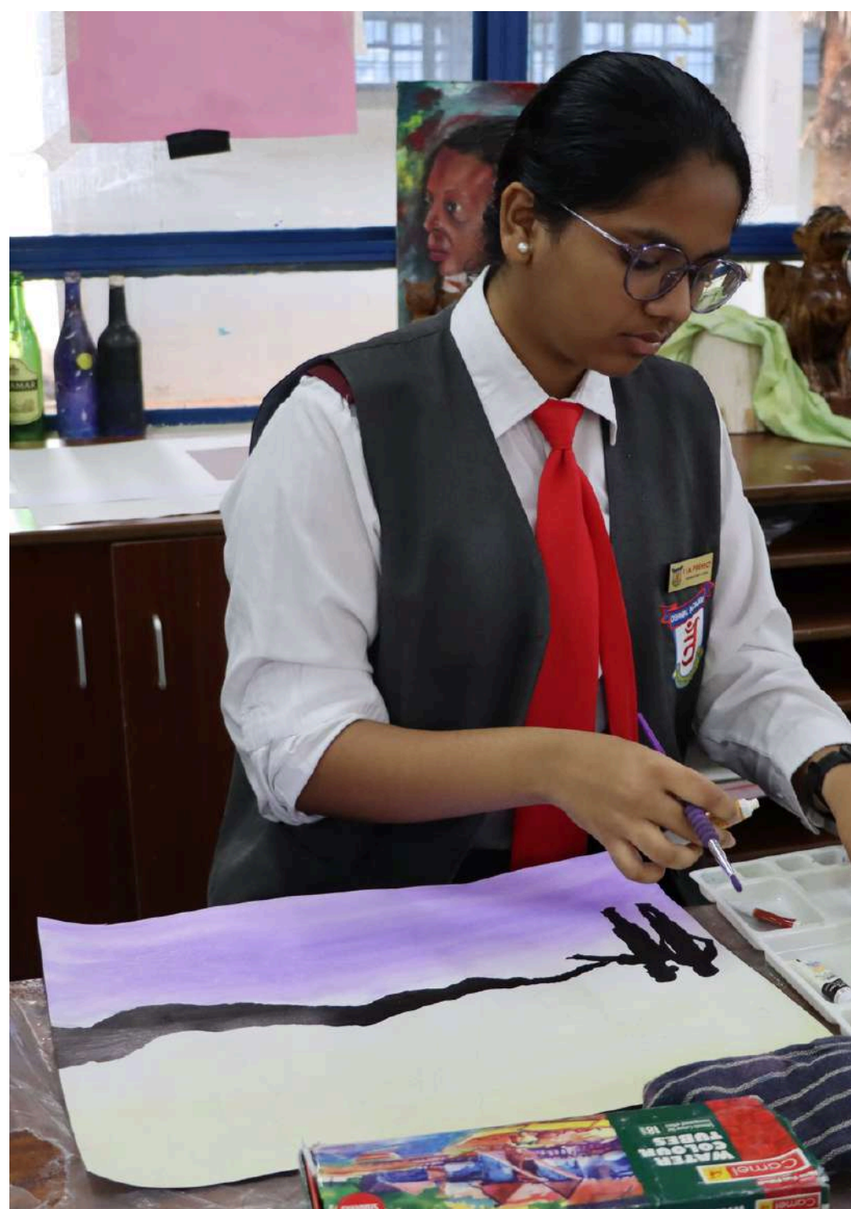
ANNUAL MAZINGIRA SAFI CONTEST PHOTOGRAPHY CATEGORY IN PICTURES



Through their lenses, our students explored the theme "The beauty of nature and its restoration" to come up with brilliant shots in photography for the Mazingira safi Competition



ANNUAL MAZINGIRA SAFI CONTEST ART & CRAFT CATEGORY IN PICTURES

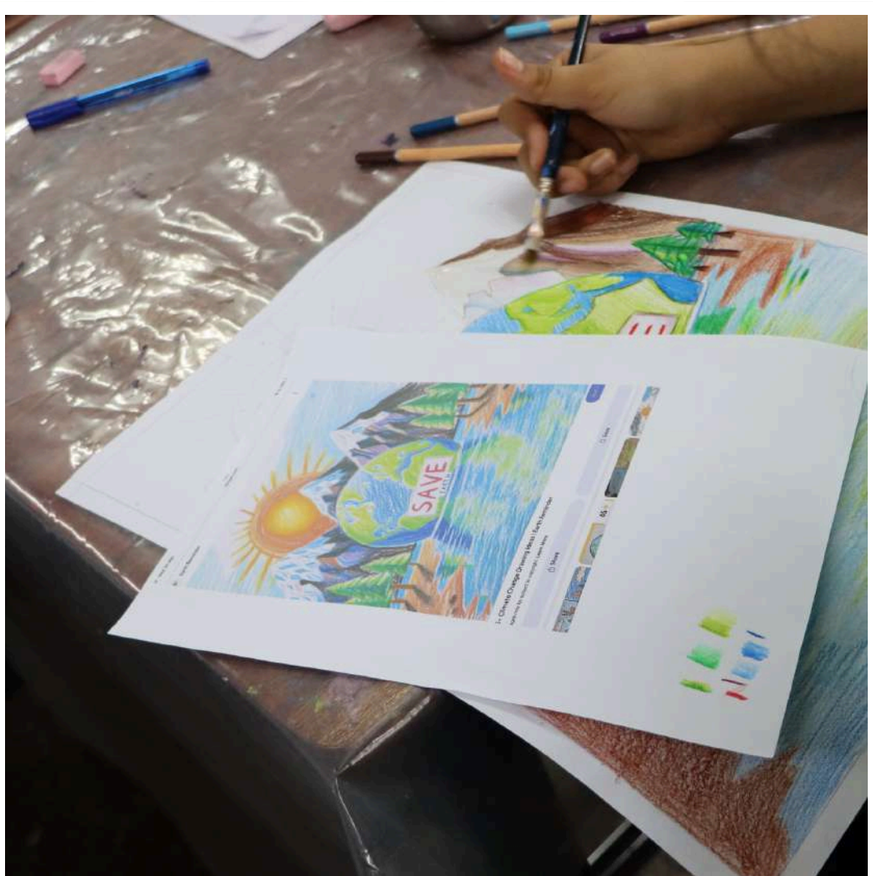




TREES are the root
of our EXISTANCE

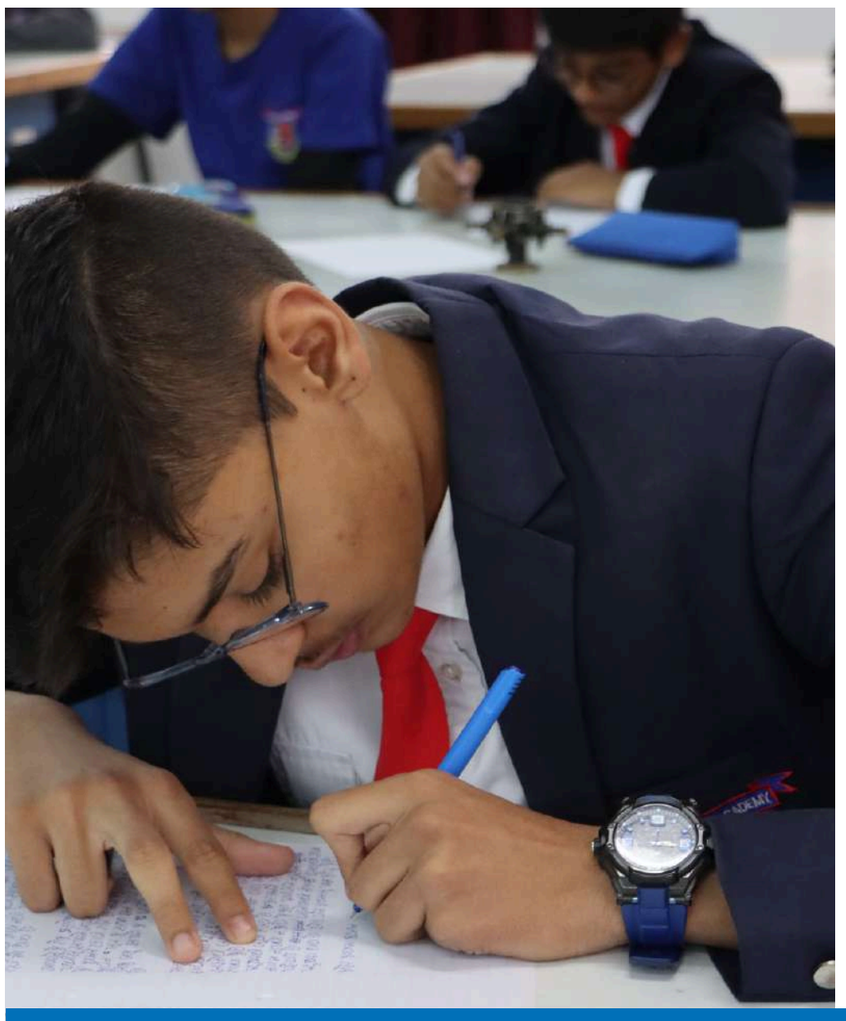
SAVE

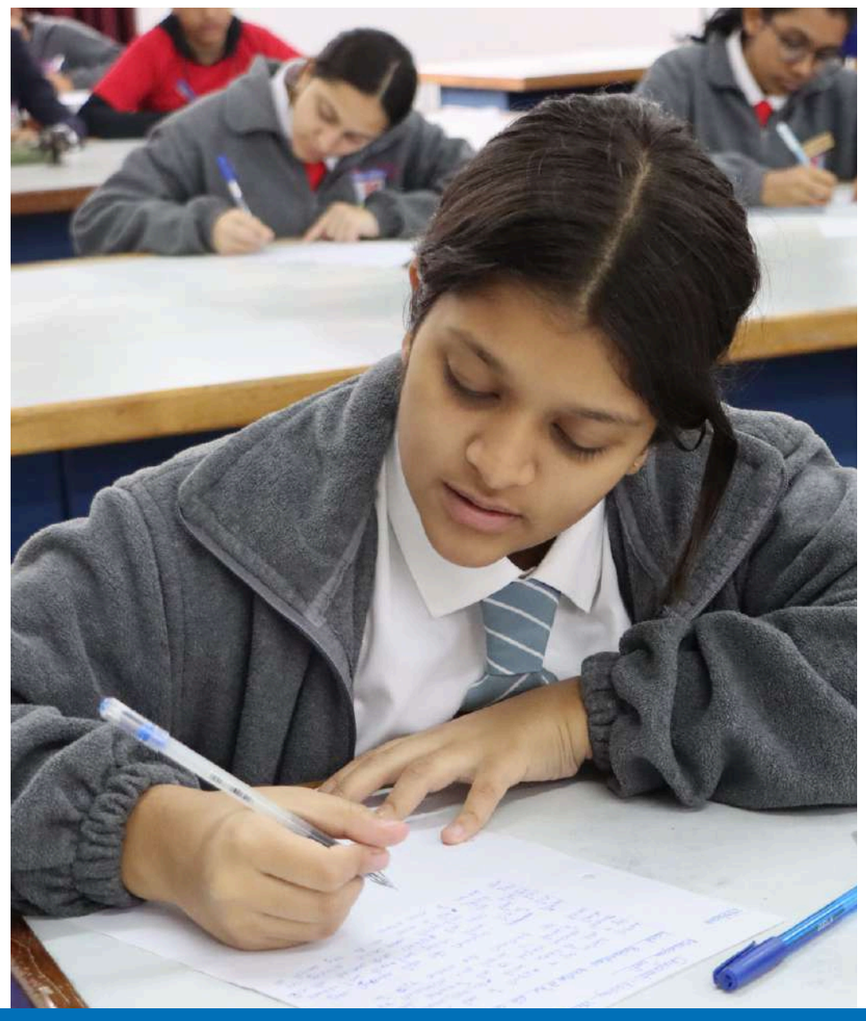
OSHWAL ACADEMY
COMPASS FOR LIFE SKILLS


SAVE

Save The water
LIGHT TO THE WORLD!

ANNUAL MAZINGIRA SAFI CONTEST ESSAY CATEGORY IN PICTURES



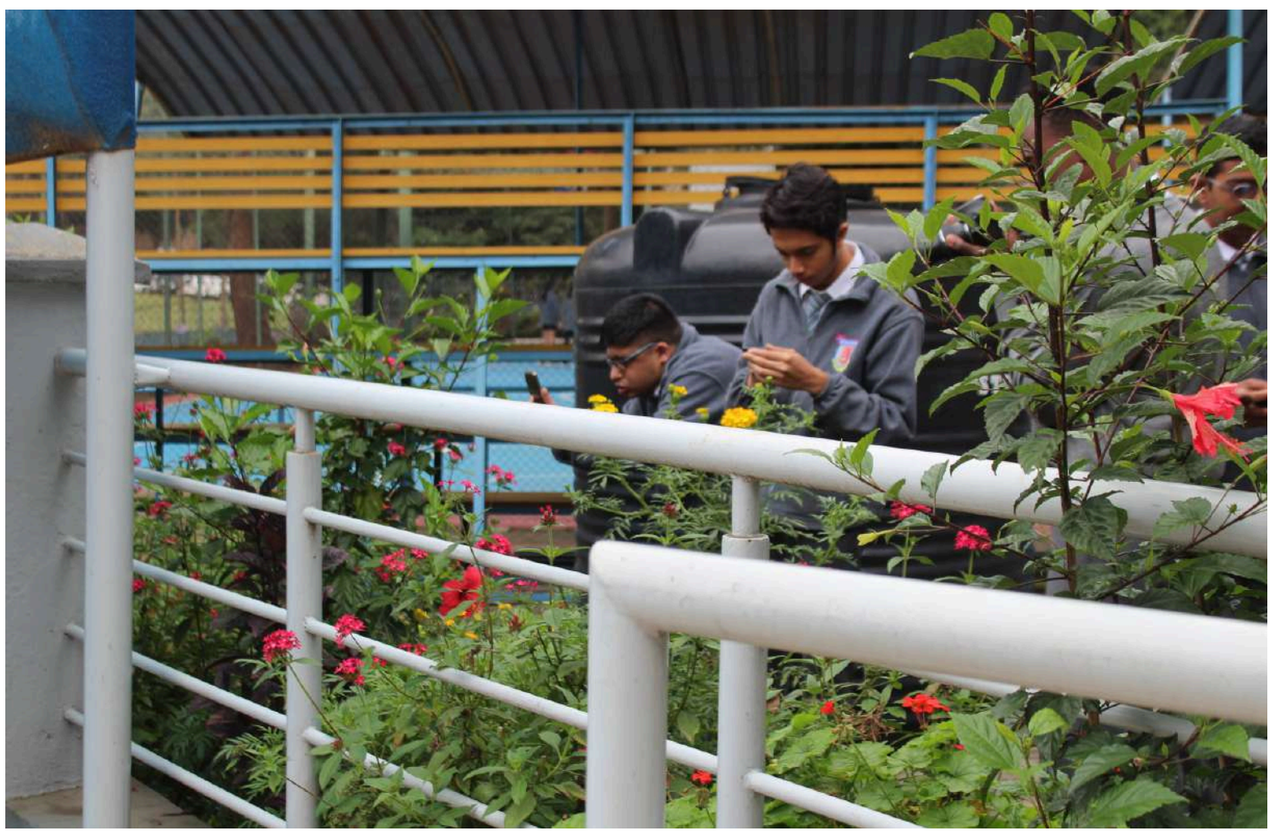


Mazingira Safi Champions! Our students tackled the theme of "Land Restoration, Desertification & Drought Resilience" in essays written in French, Kiswahili, German, Hindi, and Gujarati. #EnvironmentalAction #MazingiraSafi

Multilingual Minds for a Greener Future! Our students showcased their environmental knowledge through essays on "Land Restoration, Desertification & Drought Resilience" written in French, Kiswahili, German, Hindi, and Gujarati.

Words for a greener future! Mazingira Safi entries impressed with insightful essays #ThePowerOfWord

IED ANNUAL MAZINGIRA SAFI CONTEST IN PICTURES



YEAR 7 & 8 TALK ON GENDER BASED VIOLENCE IN PICTURES

The executive director of Kenya Women and children wellness center Ms. Anitya Deepak delivered a nice presentation for our students.

SPORTS CORNER

U15 Boys soccer team won 1-0 against the host Samaj

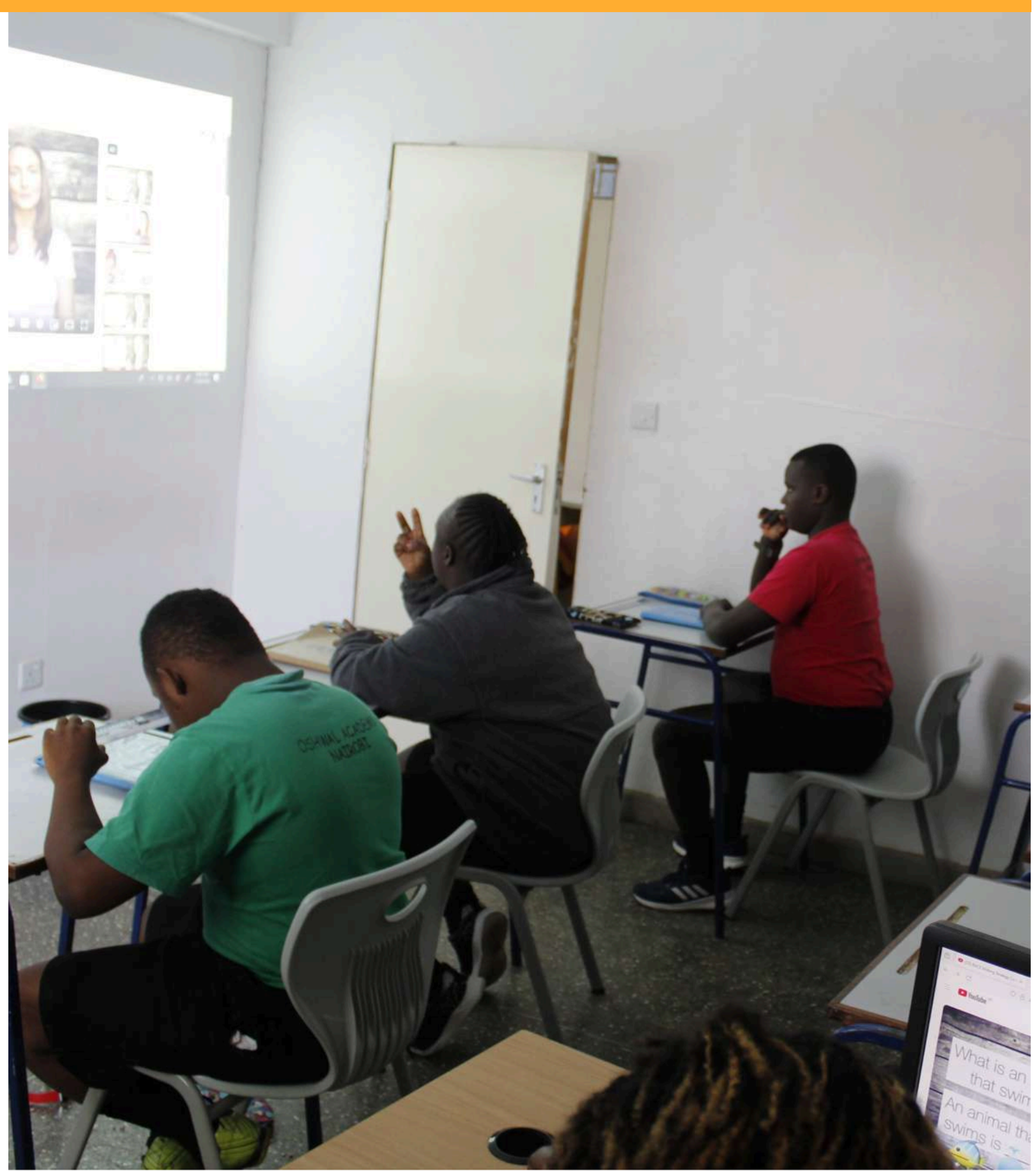
U13 Girls netball team beat Brookhurst 9-4

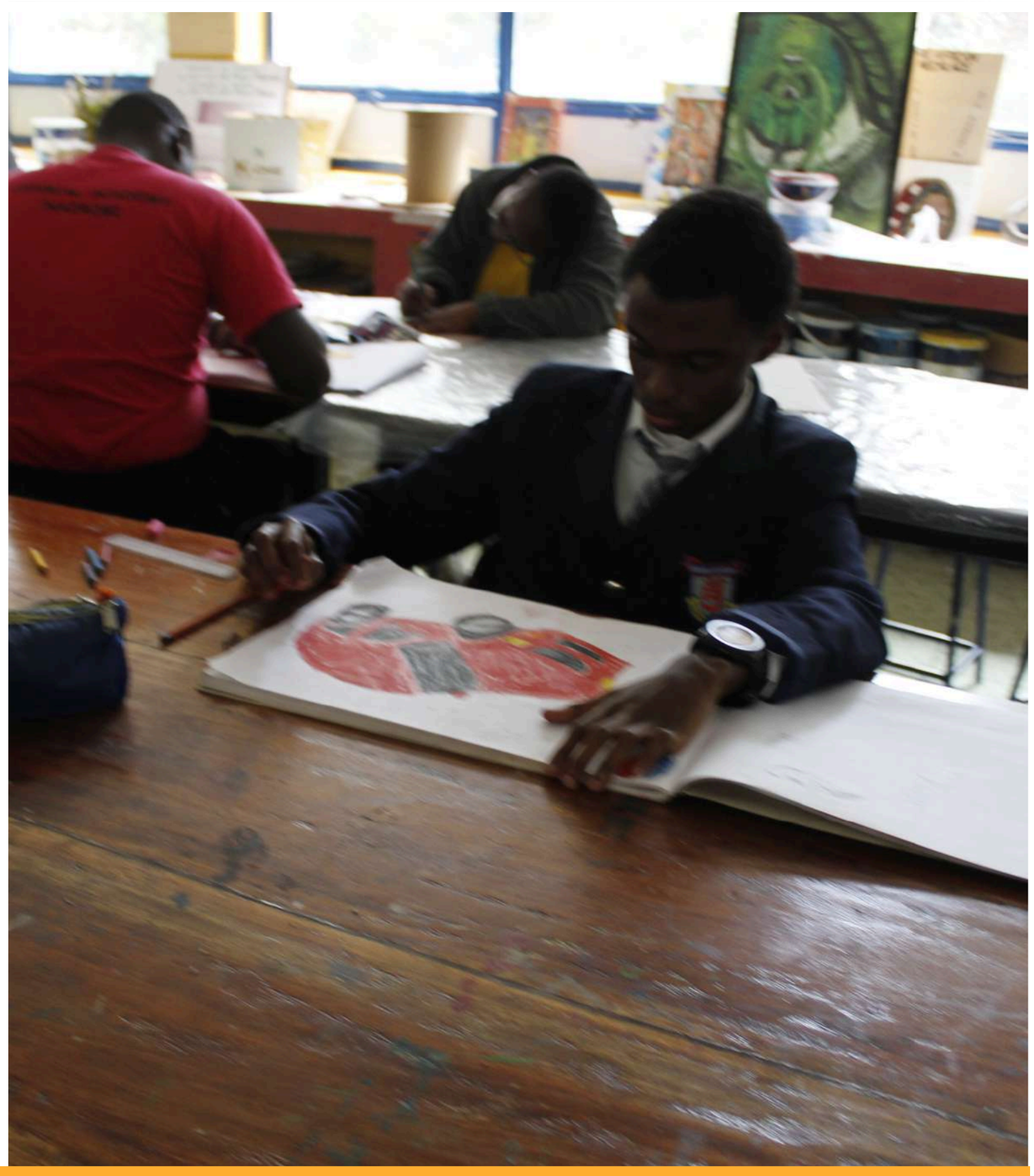
U13 Boys soccer team, won 7-0 against Brookhurst

IPSSA U13 Rugby tournament, Oshwal Scooped 3rd position

INTEGRATED EDUCATION DEPARTMENT
ENGLISH/ART CLASS SESSIONS

BELOW ROW ONE ENGLISH CLASS SESSION





ABOVE ROW TWO ART & DESIGN CLASS SESSION

YEAR 10 GLOBAL PERSPECTIVES COURSEWORK PROJECT

"Join Saheli and Amreen in Oshwal Academy's Environmental Initiative! Let's care for our planet by collecting plastics from home. Together, we can make a difference. "

Environment Week

Monday, 3rd June – Friday, 7th June

PLEASE BRING:

- Plastic Bottles
- Bottle Tops
- Transparent Cooking Oil & Laundry Detergent Containers
- Peanut Butter Jars
- Yoghurt Containers
- Plastic Plates;Cups;Cutlery
- Margarine & Ice Cream Tubs
- Plastic Chairs & Buckets

14 million tons of plastic end up in the ocean every year and plastic makes up 80% of all marine debris found from surface waters to deep-sea sediments.

Drop your plastics in recycling bins near security gate.

World Environment Day:

- Wednesday, 5th June
- Clean up In Primary and JH Campus

For more info:
Saheli & Amreen 10C

Prizes:

- For Heaviest Amount
- Label your bag(name & class)

All funds will be donated to World Wildlife Funds to help prevent the extinction of aquatic life.

OSHWAL ACADEMY JUNIOR HIGH SCHOOL

THOUGHT OF THE WEEK

KINDNESS

Lets practise love and kindness this week!

Gratitude Monday

Start the week by expressing gratitude. Leave a kind message for a classmate, teacher, or friend.

Compliment Tuesday

Today is all about compliments! Recognize and appreciate the positive qualities of those around you.

Small Acts Wednesday

Perform small acts of kindness, such as holding the door for someone, offering help

Compassion Thursday

Practice compassion by being mindful of others' feelings.

Kindness Friday

Spread acts of kindness.

THEME FOR WEEK 8

CHOOSE KINDNESS

10 RANDOM ACTS OF KINDNESS IDEAS

- LET SOMEONE KNOW WHY YOU'RE GRATEFUL FOR THEM
- SUPPORT A RESTAURANT OR BUSINESS YOU LIKE BY LEAVING A POSITIVE REVIEW ONLINE
- GIVE SOMEONE A COMPLIMENT ABOUT A QUALITY THAT YOU'VE NOTICED AND ADMIRE ABOUT THEM
- REACH OUT TO A FORMER TEACHER AND LET THEM KNOW HOW THEY POSITIVELY IMPACTED YOUR LIFE
- LEAVE A THANK YOU NOTE AND A SNACK IN YOUR MAILBOX FOR YOUR MAIL CARRIER
- ADD A CHARITY OR NON-PROFIT TO YOUR AMAZON PRIME ACCOUNT TO DONATE EVERYTIME YOU SHOP
- START A CONVERSATION WITH SOMEONE THAT LOOKS LIKE THEY COULD USE A FRIEND
- GIVE AN EXTRA BIG TIP WHEN EATING OUT

SEWI

MATHEMATICS WEEK 6 SOLUTION

CEMC.UWATERLOO.CA | The CENTRE for EDUCATION in MATHEMATICS and COMPUTING

Problem of the Week
Problem D and Solution
Wipe Away 2

Problem

Ajay writes the positive integers from 1 to 1000 on a whiteboard. Jamilah then erases all the numbers that are multiples of 9. Magdalena then erases all the remaining numbers that contain the digit 9. How many numbers are left on the whiteboard?

NOTE: In solving this problem, it may be helpful to use the fact that a number is divisible by 9 exactly when the sum of its digits is divisible by 9. For example, the number 214 578 is divisible by 9 since $2+1+4+5+7+8=27$, which is divisible by 9. In fact, $214\,578 = 9 \times 23\,842$.

Solution

We first calculate the number of integers that Jamilah erases, which is the number of multiples of 9 between 1 and 1000. Since $1000 = (111 \times 9) + 1$, there are 111 multiples of 9 between 1 and 1000. Thus, Jamilah erases 111 numbers from the whiteboard.

Now let's figure out how many of the integers from 1 to 1000 contain the digit 9. The integers from 1 to 100 that contain the digit 9 are $9, 19, \ldots, 79, 89$ as well as $90, 91, \ldots, 97, 98, 99$. Thus, there are 19 positive integers from 1 to 100 that contain the digit 9. Since there are 19 integers from 1 to 100 that contain the digit 9, it follows that there are $19 \times 9 = 171$ integers from 1 to 899 that contain the digit 9.

Between 900 and 1000, there are 100 integers that contain the digit 9, namely, every number except for 1000. Thus, in total, $171 + 100 = 271$ of the integers from 1 to 1000 contain the digit 9.

However, some of the integers that contain the digit 9 are also multiples of 9, so were erased by Jamilah. To determine how many of these such numbers there are, we use the fact that a number is divisible by 9 exactly when the sum of its digits is divisible by 9.

- The only one-digit number that contains the digit 9 and is also a multiple of 9 is 9 itself.
- The only two-digit numbers that contain the digit 9 and are also multiples of 9 are 90 and 99.
- To find the three-digit numbers that contain the digit 9 and are also multiples of 9, we will look at their digit sum.

MATHEMATICS WEEK 6 SOLUTION CONT...

- **Case 1:** Three digit-numbers with a digit sum of 9:
  The only possibility is 900. Thus, there is 1 number.
- **Case 2:** Three digit-numbers with a digit sum of 18:
  * If two of the digits are 9, then the other digit must be 0. The only possibilities are 909 and 990. Thus, there are 2 numbers.
  * If only one of the digits is 9, then the other two digits must add to 9. The possible digits are 9, 4, 5, or 9, 3, 6, or 9, 2, 7, or 9, 8, 1. For each of these sets of digits, there are 3 choices for the hundreds digit. Once the hundreds digit is chosen, there are 2 choices for the tens digit, and then the remaining digit must be the ones digit. Thus, there are $3 \times 2 = 6$ possible three-digit numbers for each set of digits. Since there are 4 sets of digits, then there are $4 \times 6 = 24$ possible numbers.
- **Case 3:** Three digit-numbers with a digit sum of 27:
  The only possibility is 999. Thus, there is 1 number.

Therefore, there are $1 + 2 + 24 + 1 = 28$ three-digit numbers from 1 to 1000 that contain the digit 9, and are also multiples of 9.

Thus, there are $1 + 2 + 28 = 31$ numbers that contain the digit 9, but were erased by Jamilah. It follows that Magdalena erases $271 - 31 = 240$ numbers from the whiteboard.

Hence, the number of numbers left on the whiteboard is $1000 - 111 - 240 = 649$.

MATHEMATICS WEEK 7 CHALLENGE

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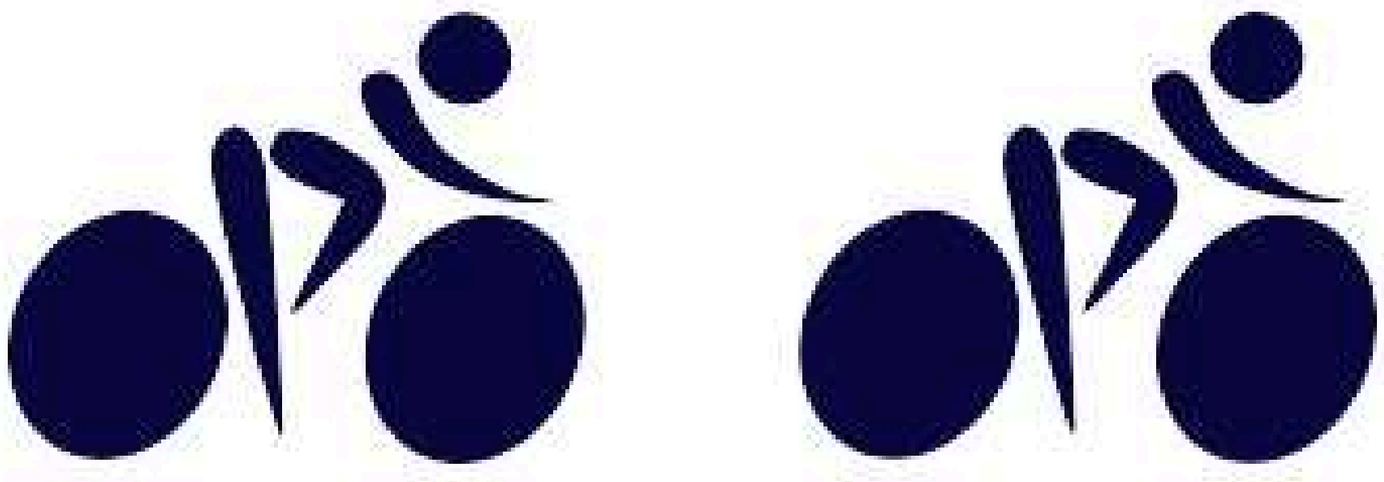
Problem of the Week

Problem D

Head Start

Gabi and Silvio are training for a cycling race. They live on the same street, but Silvio's house is 2 km east of Gabi's. On Sunday morning at 7 a.m. they each start biking east from their house. If Gabi bikes at a constant speed of 24 km/h and Silvio bikes at a constant speed of 18 km/h, at what time will Gabi catch up to Silvio?



OSHWAL ACADEMY NAIROBI

JUNIOR HIGH

"COMPASS FOR LIFE SKILLS"

TERM 3 WEEK 8 SCHEDULE

2nd June 2024 – 8th June 2024

Sunday – 2nd June 2024

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Monday – 3rd June 2024

- Subject Selection Forms Deadline

Tuesday – 4th June 2024

- Year 10 GP Group Presentation for Year 9 & 10 – Gender-Based Violence

Wednesday – 5th June 2024

- World Environment Day #Landrestoration #Desertification #Droughtresilience
- Year 10 GP Plastic Waste Cleanup @ JH
- Year 10 Geo River Cleanup @ Karura

Thursday – 6th June 2024

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Friday – 7th June 2024

- Annual Science Fair
- Year 10 IGCSE PE Cross Country Training

Saturday – 8th June 2024

- Year 9 & 10 Open Day (9:00am to 1:00pm)
- KAISSO U15 Girls' Rugby Tournament @ Brookhouse Runda