

PANDA MITI

Hifadhi Mazingira!



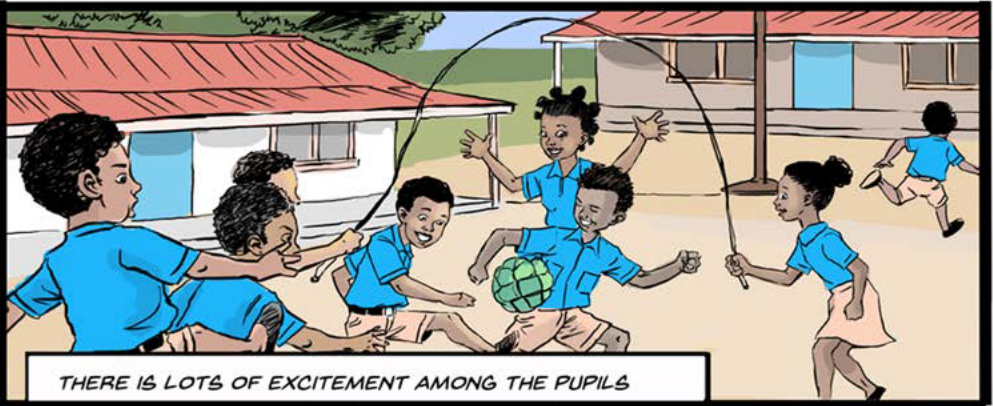
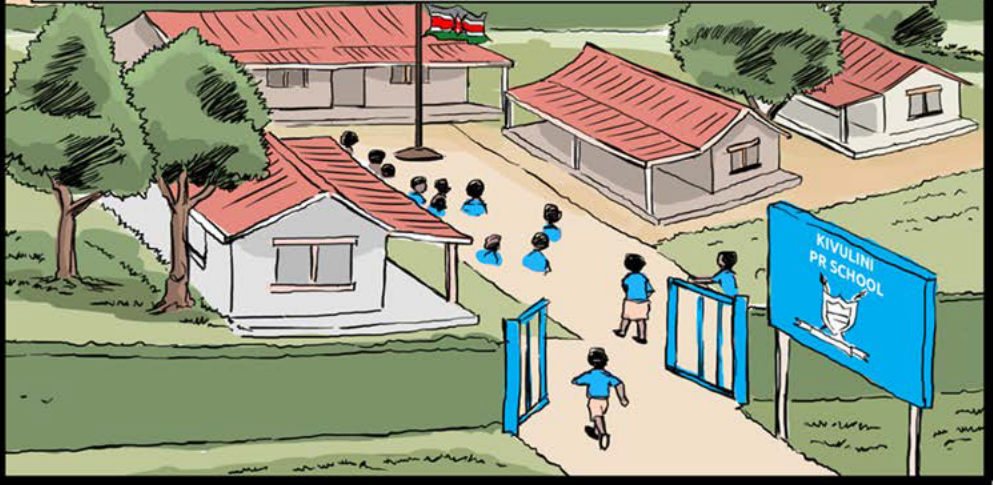
Bamburi
cement
Part of you. From the start

Better
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KenGen Foundation
Touching lives, enabling communities

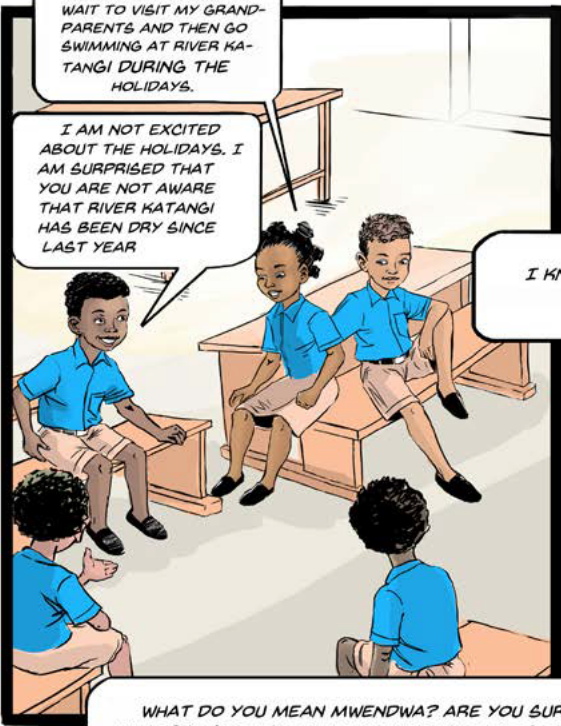
IT IS BREAK TIME ON THE LAST DAY OF THE TERM AT KIVULINI PRIMARY SCHOOL



THERE IS LOTS OF EXCITEMENT AMONG THE PUPILS



TWO STANDARD SEVEN PUPILS, MWENDE AND MWENDWA WALK SIDE BY SIDE CHATTING AWAY AS THEY HEAD TOWARDS THEIR CLASSROOM




HEY MWENDWA! I CAN'T WAIT TO VISIT MY GRANDPARENTS AND THEN GO SWIMMING AT RIVER KATANGI DURING THE HOLIDAYS.


I AM NOT EXCITED ABOUT THE HOLIDAYS. I AM SURPRISED THAT YOU ARE NOT AWARE THAT RIVER KATANGI HAS BEEN DRY SINCE LAST YEAR



I KNOW, MWENDE. IT'S SUCH A SHAME!



WHAT DO YOU MEAN MWENDWA? ARE YOU SURE ABOUT THAT? LAST DECEMBER WHEN WE WERE AT GRANDMA'S PLACE, WE HAD A LOT OF FUN SWIMMING AND FISHING IN THE SAME RIVER



I HAVE HEARD MY DAD SAY SEVERALLY THAT OVER TIME, RIVERS MAY DRY UP DUE TO MASSIVE TREE FELLING.

HOW DID THIS HAPPEN? HOW CAN SUCH A BIG RIVER DRY UP?



WAIT A MINUTE! WHAT IS THE CONNECTION BETWEEN TREES AND RIVERS?

A LOT! SEE, TREES ARE VERY IMPORTANT FOR THE CONSERVATION OF OUR ENVIRONMENT. WHEN PEOPLE CUT DOWN TREES AND DON'T REPLANT, IT INTERFERES WITH WATER CATCHMENT AREAS.

OOH YES. I THINK WHAT YOU ARE TALKING ABOUT IS DEFORESTATION. I REMEMBER THAT FROM OUR SCIENCE CLASS. OH YEAH! TR. PETER MENTIONED THAT TO US.

THAT IS WHY WE HAVE TO SAVE OUR FORESTS TO PRESERVE OUR RIVERS.

ON THE OTHER HAND, REFORESTATION IS PLANTING TREES WHERE THERE WAS ONCE A FOREST

IS THAT THE SAME AS AFFORESTATION?

SURE MARY.

MMM! I THINK I UNDERSTAND THE DIFFERENCE.

AFFORESTATION IS PLANTING OF TREES WHERE THERE WERE NO TREES PREVIOUSLY.

TREES HAVE MANY BENEFITS. THEY HELP TO ATTRACT RAINFALL AND THAT IS WHY PLACES THAT HAVE NO TREES ARE DRY AND COULD EVENTUALLY TURN INTO A DESERT.

THEY ALSO ENSURE NOISE POLLUTION IS CONTROLLED SO THAT WE DO NOT DISRUPT OTHERS WHILE WE PLAY.

SURE, DON'T YOU ALSO FORGET THAT TREES ALSO PROVIDE SHADE FOR INSTANCE WHEN WE DECIDE TO STUDY OUTDOORS.

THEY ACT AS WINDBREAKERS AND PREVENT PEOPLE LIKE ABDI FROM GETTING BLOWN AWAY DUE TO THEIR LIGHT WEIGHT.

GUYS LET'S NOT GO OVERBOARD. ABDI I HOPE YOU UNDERSTAND THIS IS JUST ONE OF MWENDWA'S JOKES.

GUYS! WITH MANY TREES AROUND US, THE PROPERTY VALUE OF OUR LOCATION INCREASES TOO.

I SEE YOU ARE BUSINESS-MINDED NDUKA. YOU CAN DO WELL AS AN ENTREPRENEUR.

AND OF COURSE WE ARE ASSURED OF NOT EXPERIENCING MUDSLIDES AND SOIL EROSION

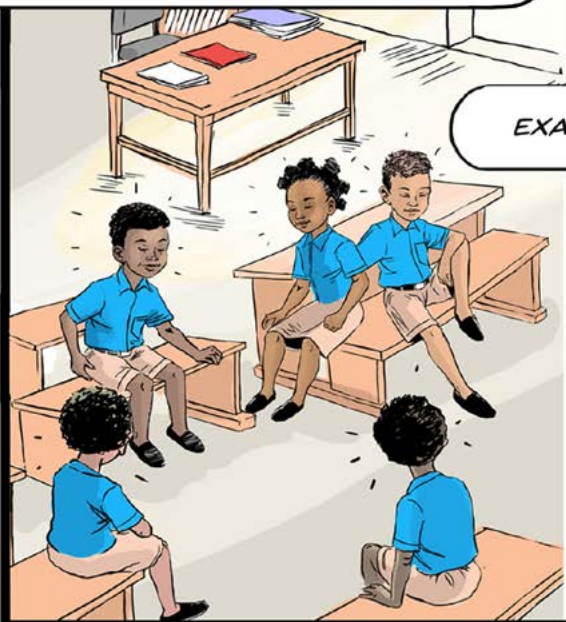
HEY, DON'T FORGET THAT FRUIT TREES GIVE US NUTRITIOUS FRUITS THAT IMPROVE OUR HEALTH.

YES! TREES ALSO SERVE AS A GOOD SOURCE OF FUEL IN OUR HOMESTEADS.

I CAN'T AGREE MORE, BUT WE ALSO NEED TO REMEMBER THAT TREES PLAY A BIG ROLE IN SECURING THE HABITAT OF ANIMALS SUCH AS MONKEYS AND BIRDS.



WOW! I DIDN'T KNOW THAT TREES HAVE SO MANY BENEFITS. IF WE TAKE CARE OF OUR ENVIRONMENT, MOST ASSUREDLY IT WILL TAKE CARE OF US.



EXACTLY!





IT IS A NEW YEAR AND A NEW TERM ON A MONDAY MORNING, THE STUDENTS ARE IN CLASS 8 NOW.

GREAT TO SEE YOU MWENDWA AFTER A LONG DECEMBER HOLIDAY. SO WHAT WERE UP TO?

AS PLANNED, I VISITED MY GRANDPARENTS AND WAS HAPPY TO SPEND TIME WITH THEM. HOWEVER, I CAN'T BELIEVE THAT I DIDN'T GO SWIMMING AND FISHING.

MWENDWA, YOU CAN BE SURE IT WILL BE A LONG TIME BEFORE RIVER KATANGI REJUVENATES.


WHAT DO YOU HAVE IN MIND NDUTA?

GUYS, WE NEED TO DO SOMETHING ABOUT THE DEGRADING STATE OF OUR ENVIRONMENT.


I THINK WE NEED TO BRING OTHER PUPILS TOGETHER AND SEE WHAT WE CAN DO AS A TEAM. I BELIEVE THERE IS SOMETHING WE CAN DO TOGETHER TO SAVE OUR ENVIRONMENT.

WHAT ABOUT FORMING A CLUB WHERE WE CAN BE SHARING IDEAS ON WHAT EACH OF US CAN DO TO RESTORE OUR DEGRADED ENVIRONMENT?

SOUNDS LIKE A BRILLIANT IDEA...BUT HOW WILL WE GO ABOUT IT? OOH, I HAVE AN IDEA, CAN WE APPROACH, THE SCIENCE TEACHER MR. PETER AND DISCUSS THIS WITH HIM... LET'S START AN ENVIRONMENTAL CLUB.




GOOD MORNING TEACHER PETER.



HALLO ! GOOD TO SEE YOU BACK IN SCHOOL FROM YOUR LONG HOLIDAY. HOPE YOU HAD FUN.

WELL, NOT EXACTLY TEACHER. I DIDN'T GET TO DO THE ACTIVITIES I ENJOY MOST - SWIMMING AND FISHING, GIVEN THAT RIVER KATANGI HAS BEEN DRY SINCE LAST YEAR. I WAS TOLD THAT THE UNENDING CUTTING DOWN OF TREES IN THE FOREST IS WHAT HAS LED TO THIS. WE ARE CONCERNED ABOUT THE STATE OF THE ENVIRONMENT AROUND OUR SCHOOL AND THE COMMUNITY. WE HAVE BEEN DISCUSSING WHAT WE CAN DO ABOUT IT.



MMM!! KIDS, I MUST LAUD YOUR UNDERSTANDING OF OUR ENVIRONMENTAL CONCERNS AND FEELING OBLIGED TO MAKE A POSITIVE CHANGE

TO START WITH, WE ARE THINKING OF FORMING A GREEN CLUB WHERE WE CAN MEET AND DISCUSS WAYS TO IMPROVE OUR ENVIRONMENT.

WILL YOU PLEASE BE OUR GREEN TEACHER?

WHY NOT. I WILL BE HONORED TO BE PART OF THIS INITIATIVE. YOU HAVE BRILLIANT IDEAS.



COINCIDENTALLY, DURING THE HOLIDAY I ATTENDED A WORKSHOP ON ENVIRONMENTAL CONSERVATION IN NAIROBI. THE WORKSHOP WAS ORGANIZED FOR TEACHERS IN THREE COUNTIES: KITUI, MAKUENI AND EMBU. WE LOOKED AT HOW WE CAN PLANT MORE TREES WITH OUR PUPILS AND THE COMMUNITIES. SO, YES, I MAY BE ABLE TO GUIDE THE PROCESS -- BUT YOU WILL HAVE TO DO A LOT OF THE WORK. ARE YOU READY FOR THIS?

YES, TEACHER.



LOOK AROUND THE SCHOOL I THINK CHARITY BEGINS AT HOME.

TEACHER! THAT IS BRILLIANT. NOW WE CAN GO AND ANNOUNCE THE FORMATION OF THE CLUB IN OUR RESPECTIVE CLASSES AND GET OUR FRIENDS TO SIGN UP.




WHAT WILL BE THE CRITERIA FOR JOINING THE CLUB?



I HAVE AN IDEA. THIS IS WHAT I THINK:
1. YOU MUST BE A STUDENT OF KIVULINI PRIMARY SCHOOL.
2. YOU MUST BE PASSIONATE ABOUT CONSERVING THE ENVIRONMENT



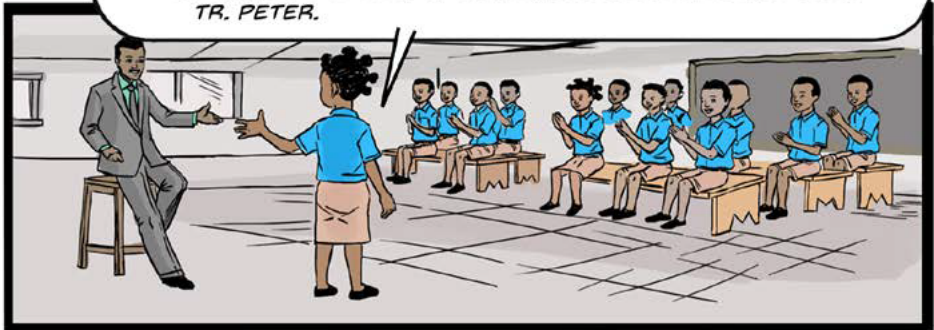


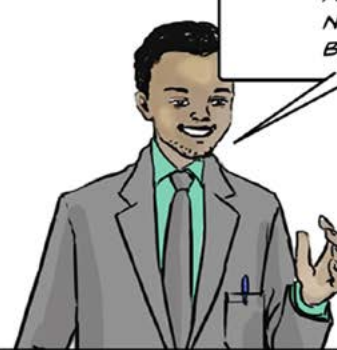
THANK YOU ALL FOR JOINING US TODAY, COMRADES!! WE ARE EXCITED THAT SO MANY OF US HAVE TURNED UP AND WANT TO JOIN THE CLUB. SO, ASD! WHAT BRINGS YOU HERE TODAY?

WE ARE HERE TO LEARN HOW TO GREEN OUR ENVIRONMENT, MWENDE.




TR. PETER, THANK YOU FOR ACCEPTING OUR REQUEST TO BE OUR GREEN TEACHER. WE ARE LOOKING FORWARD TO LEARNING A LOT FROM YOU IN THIS CLUB. PLEASE WELCOME TR. PETER.





FIRST THINGS FIRST! DOES EVERYONE HAVE A NOTE BOOK? I SUGGEST WE ALL TAKE NOTES OF THE DISCUSSIONS THAT WE WILL BE HAVING IN THIS, AND OTHER MEETINGS.




THE FIRST THING WE WANT TO DO IS TO GET A NAME FOR THE CLUB. GIVE ME YOUR IDEAS PUPILS.




GOOD THINKING MUTHEU. MAYBE WE SHOULD TRY A NOT SO COMMON A NAME LIKE GREEN CLUB.




CAN WE CALL IT THE ENVIRONMENTAL CLUB?



WHAT DO OTHERS THINK?



WHAT ABOUT NURTURE NATURE CLUB?



NURTURE NATURE SOUNDS GOOD. LET'S GO FOR IT

TO ENERGIZE THE NURTURE NATURE CLUB. WE NEED A CATCHY SLOGAN. WHO IS THE MOST CREATIVE PUPIL HERE?



MMMMMMH, OK, CAN WE USE A KISWAHILI SLOGAN?



OH, YES. KISWAHILI IS OUR NATIONAL LANGUAGE.



I PROPOSE PANDA MITI HIFADHI MAZINGIRA!!!



PANDA MITI HIFADHI MAZINGIRA!!!



COMRADES, PANDA MITI HIFADHI MAZINGIRA!!!



PANDA MITI HIFADHI MAZINGIRA!!!



NOW, LET'S THINK ABOUT THE DIFFERENT TYPES OF TREES WE CAN PLANT IN OUR SCHOOL. WE NEED TO CONSIDER THAT OUR AREA IS HOT AND DRY, AND WE DO NOT HAVE LOTS OF RAINFALL ACROSS THE YEAR.



TEACHER, CAN WE HAVE FRUIT TREES?



WHY NOT? WHICH ONES? GIVE ME EXAMPLES



PAPAYA?



I LOVE MANGOES. ARE THEY SUITABLE FOR OUR CLIMATE?



AND DON'T FORGET MUKENGETA.... THE ONE TR. PAULINE USES TO CANE US WITH WHEN WE MAKE NOISE DURING HER LESSONS.



VERY GOOD PUPILS! YOU ARE ALL ON THE RIGHT TRACK.



I CAN SEE OUR TIME HAS RUN OUT AND WE NEED TO GO BACK TO CLASS FOR THE AFTERNOON LESSONS. LET'S MEET NEXT WEEK THURSDAY SAME TIME TO LEARN MORE ABOUT TREE PLANTING.



IT'S THE SECOND WEEK OF THE TERM AND THE NURTURE NATURE CLUB MEMBERS ARE ASSEMBLED AT THE SCHOOL HALL FOR THEIR CLUB MEETING. THERE'S LOTS OF TALKING AMONG THE PUPILS GOING ON.



HEY! SILENCE! SILENCE, PUPILS! GOOD AFTERNOON!



ARE YOU READY FOR ANOTHER AFTERNOON OF LEARNING ABOUT OUR ENVIRONMENT?

PANDA MITI, HIFADHI MAZINGIRA YETU!

PANDA MITI, HIFADHI MAZINGIRA!

YES, TEACHER PETER

CAN SOMEONE REMIND THE MEMBERS WHERE WE LEFT OFF LAST WEEK

YES MARY. TELL US. EVERYONE ELSE QUIET PLEASE.



WE LEARNT ABOUT THE BENEFITS OF TREES AND THE TYPES OF TREES FIT FOR OUR ENVIRONMENT.



EXCELLENT MARY. TODAY, WE WILL GO A STEP FURTHER AND LEARN ABOUT HOW TO PLANT TREES. ARE YOU READY FOR THE LESSON?



I HOPE YOU SPENT SOME TIME DURING THE WEEK INVESTIGATING THE BEST METHODS FOR TREE PLANTING...WHO WOULD LIKE TO SHARE WHAT YOU FOUND OUT?



ME, TEACHER. I READ THAT TREES ARE BEST PLANTED 15 TO 20 FT. FROM BUILDINGS SUCH AS OUR CLASSROOMS OR HOUSES.



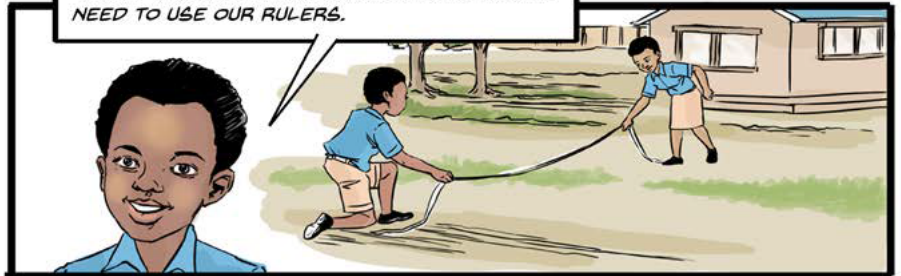
GOOD! THAT'S A GREAT START KURIA



GO FIRST NDUTA, THEN MWENDWA



TO GET ACCURATE MEASUREMENTS, WE WOULD NEED TO USE OUR RULERS.



NDUTA, NO WONDER YOU ARE THE BEST MATH STUDENT IN OUR CLASS.

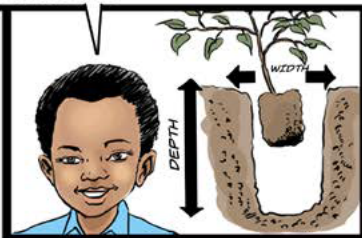


THAT'S A GOOD POINT THOUGH



BESIDES GIVING US THE ACCURATE DISTANCE FROM THE BUILDING, THE RULER, WILL ALSO PROVIDE THE CORRECT WIDTH AND DEPTH OF THE HOLE IN WHICH WE PLANT THE TREE SEEDLING.

FOR PROPER PLACEMENT OF SEEDLINGS ENSURE THAT THE TERMINAL BUD IS AT OR SLIGHTLY BELOW THE SOIL SURFACE.



AFTER YOU HAVE DUG THE HOLE, UNWRAP THE SEEDLING FROM ITS PAPER AND PLACE THE SEEDLING INTO THE HOLE AS YOU COVER THE HOLE WITH SOIL AND MANURE.

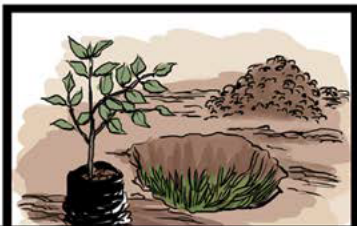


I MUST SAY YOU ARE AN AMAZING LOT.

I HAVE JUST REMEMBERED SOMETHING MY FATHER TOLD ME WHEN I WAS PLANTING TREES WITH HIM AT OUR HOME COMPOUND



I COULDN'T AGREE MORE WITH YOU MWENDWA. CLAP FOR YOURSELVES FOR DOING YOUR RESEARCH WELL.



"HE SAID THAT ONE SHOULD NEVER FILL A HOLE WITH GRASS, OTHERWISE THIS WOULD STOP THE SEEDLING FROM SPROUTING QUICKLY."



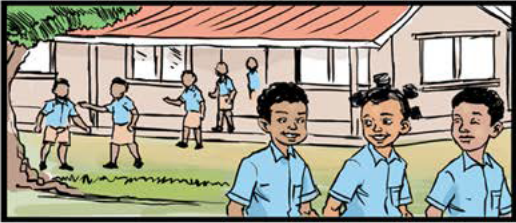
COMRADES!



TUPANDE MITI TUHIFADHI MAZINGIRA !!



NOW, OUR TIME IS UP! NEXT WEEK WE WILL LEARN HOW TO NURTURE OUR TREES AFTER PLANTING. RIGHT? AS USUAL GO AND FIND OUT ALL THE DIFFERENT METHODS OF TAKING CARE OF OUR TREES. THE NEXT MEETING WILL TAKE PLACE AT THE SITE ALLOCATED FOR OUR TREE PLANTING PROJECT. MAKE SURE YOU PLANT YOUR TREE SEEDLINGS.



ATTENTION EVERYONE. I HOPE YOU'RE DOING WELL. WELCOME TO THE NURTURE NATURE CLUB.



THANK YOU MWENDE!

PUPILS, GOOD TO SEE ALL OF YOU AGAIN. DID EVERYONE GET A CHANCE TO PLANT THEIR TREE SEEDLING DURING THE WEEK?

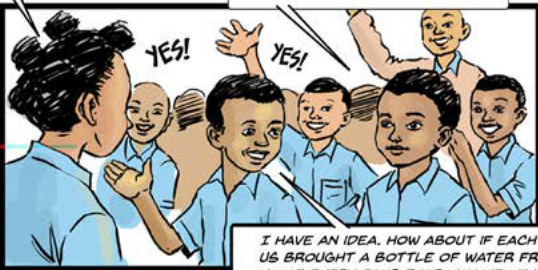
YES, TEACHER

TEACHER PETER, MINE HAS NOT SPROUTED YET. THE GROUND HERE LOOKS REALLY DRY. WHAT ARE WE GOING TO DO?



WE NEED A LOT OF WATER.

I AM THINKING WE NEED A HUGE WATER STORAGE TANK, BUT WHERE WILL WE GET THE WATER FROM?



YES!

YES!

I HAVE AN IDEA. HOW ABOUT IF EACH OF US BROUGHT A BOTTLE OF WATER FROM HOME EVERY DAY? THAT WAY WE WILL HAVE ENOUGH FOR THE SEEDLINGS AND WE WILL STORE THE REST AWAY IN THE TANK.



SO EVERYONE BRINGS A BOTTLE FULL OF WATER FROM TOMORROW, RIGHT?

I KNOW THAT WE ALL USED COW DUNG MANURE WHEN PLANTING OUR TREE SEEDLINGS. HOWEVER, AT SOME POINT, WE WILL NEED TO REPLENISH THE GROUND WITH MINERALS TO HELP THE TREES TO GROW STRONG. ANY IDEAS ON WHERE WE WILL GET MORE MANURE FROM?

YES!

YES!

MOST OF US KEEP CHICKENS, GOATS AND COWS AT HOME. I SUGGEST WE START COLLECTING THE DROPPINGS THIS WEEK AND BRING IT HERE NEXT WEEK.



OH NO, I DON'T LIKE TO TOUCH COW DUNG, BUT I GUESS IT MAKES GOOD NUTRIENTS FOR MY TREE.



DO NOT FORGET THAT IF WE DO NOT SHIELD THE SEEDLINGS FROM THE HEADMASTER'S GOATS, THEY WILL NOT GROW PROPERLY.



TRUE, TRUE. THIS MEANS WE HAVE TO MAKE A PIQUET FENCE AROUND OUR SEEDLINGS.



THAT MAYBE QUITE EXPENSIVE TO DO MUTHEU, WE WOULD REQUIRE MANY PIECES OF WOOD.



PLEASE REMEMBER THAT THINNING HAS TO BE DONE REGULARLY TO ALLOW THE TREES' OPTIMAL GROWTH.



MWENDE, YOU ARE WAY AHEAD OF THE REST OF US. IT WILL BE SOMETIME BEFORE WE START PRUNING.

I THINK WE SHOULD COLLECT THORNS ON OUR WAY HOME. A THORN-FENCE WILL ACT AS A GOOD SHIELD FOR THE TREES.

I CAN BRING STRINGS THAT WILL HELP HOLD THE PLANTS STRAIGHT AS THEY GROW.



100% TR. PETER, THAT IS OUR TARGET.

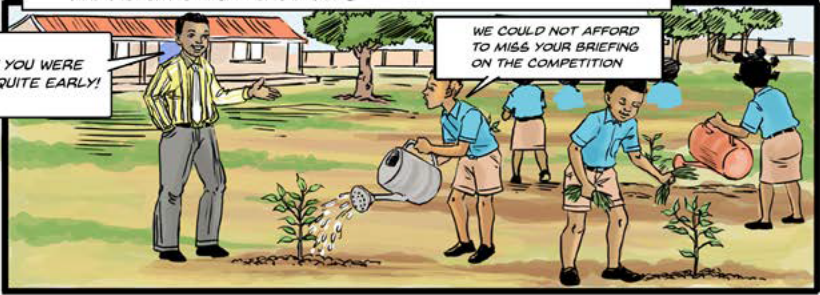
THAT IS THE SPIRIT PUPILS. NOW NEXT WEEK WHEN WE MEET AGAIN, I WILL TELL YOU WHAT IS IN STORE FOR THE CLUB THAT ATTAINS THE HIGHEST SURVIVAL RATE OF ITS TREE SEEDS.

PUPILS, I AM VERY IMPRESSED WITH YOUR IDEAS AND THE ACTIONS YOU HAVE SUGGESTED SO FAR. THERE IS NO REASON WHY ALL OUR SEEDLINGS WILL NOT SURVIVE AND THRIVE AT THIS RATE.

IT'S THE FOURTH WEEK AND ALL THE STUDENTS' ARE BUSY WATERING AND MULCHING THE YOUNG PLANTS

TODAY YOU WERE HERE QUITE EARLY!

WE COULD NOT AFFORD TO MISS YOUR BRIEFING ON THE COMPETITION



ABDI, HOW IS YOUR YOUNG TREE DOING? IT'S BEEN THREE WEEKS NOW SINCE THE PLANTING.

IT'S GROWING WELL. IT MUST BE THE TALLEST AND HEALTHIEST.



CLEARLY LOOKS LIKE YOU HAVE ALL BEEN DOING A GOOD JOB ON YOUR TREES.

NOW, ON TO THE COMPETITION-THIS IS A BIG COMPETITION THAT WILL INVOLVE MANY SCHOOLS FROM OUR COUNTY. ONLY MEMBERS OF THE NURTURE NATURE CLUBS CAN PARTICIPATE IN THE COMPETITION.



FOR OUR SCHOOL TO WIN THE COMPETITION, WE MUST ENSURE WE ATTAIN THE HIGHEST SURVIVAL RATE OF THE TREES THAT WE HAVE PLANTED. I HAVE NO DOUBT THAT THIS WILL BE POSSIBLE GIVEN THE ACTIONS YOU HAVE ALREADY TAKEN TO SAFEGUARD YOUR TREES.



TR, I CANNOT WAIT TO HEAR WHAT THE ULTIMATE PRIZE WILL BE.



YOU WILL NOT BELIEVE THIS, PUPILS... IF WE WIN THIS, WE WILL ALL GO TO MOMBASA FOR THREE DAYS. BAMBURI CEMENT WILL CATER FOR ALL OUR EXPENSES, AND GUESS WHAT? WE WILL GET TO VISIT PLACES LIKE BAMBURI'S HALLER PARK, THE HOME TO MANY PLANT AND ANIMAL SPECIES AND BIRDS.

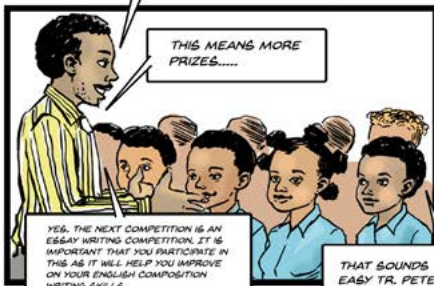


COMRADES WE CAN DO THIS. WE MUST WIN THIS TRIP. I HAVE ALWAYS READ ABOUT FORT JESUS AND WOULD LOVE TO VISIT THERE TOO.



MAYBE WE WILL ALSO GET AN OPPORTUNITY TO SWIM IN THE INDIAN OCEAN MWENDWA.

SILENCE, SILENCE PUPILS. YOU HAVEN'T HEARD EVERYTHING YET. THERE IS ANOTHER COMPETITION TOO.



THIS MEANS MORE PRIZES.....

YES, THE NEXT COMPETITION IS AN ESSAY WRITING COMPETITION. IT IS IMPORTANT THAT YOU PARTICIPATE IN THIS AS IT WILL HELP YOU IMPROVE ON YOUR ENGLISH COMPOSITION WRITING SKILLS.

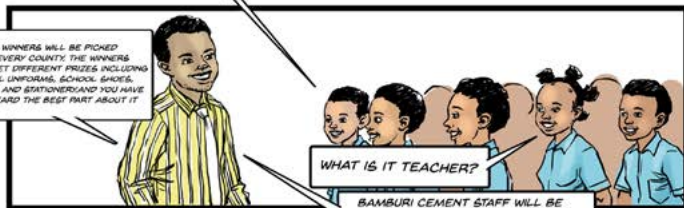
THAT SOUNDS EASY TR. PETER.

PUPILS, YOU WILL BE EXPECTED TO WRITE AN ORIGINAL ESSAY OF BETWEEN 600-700 WORDS ON THE TOPIC, 'HOW I CAN HELP TO PROTECT MY ENVIRONMENT FOR MY FUTURE'. THE ESSAY WILL BE WRITTEN IN ENGLISH LANGUAGE. OF COURSE IF YOU HAVE PARTICIPATED ACTIVELY IN THE CLUBS DISCUSSIONS AND ACTIVITIES DURING THE LAST FEW WEEKS, YOU SHOULD FIND THIS EASY TO WRITE.



TEACHER, I AM SURE MY ESSAY WILL BE AMONG THE TOP ESSAYS.

THREE WINNERS WILL BE PICKED FROM EVERY COUNTY. THE WINNERS WILL GET DIFFERENT PRIZES INCLUDING SCHOOL UNIFORMS, SCHOOL SHOES, BOOKS AND BRATNERYAND YOU HAVE NOT HEARD THE BEST PART ABOUT IT YET.



WHAT IS IT TEACHER?

BAMBURI CEMENT STAFF WILL BE ON HAND TO PROVIDE MENTORSHIP FOR SELECT CLUBS IN OUR COUNTY.

I HOPE THAT OUR CLUB WILL BE ONE OF THE LUCKY ONES.



LET THE GAMES BEGIN, WE ARE READY FOR THE CHALLENGE.

ME TOO!

ME TOO!

I MUST GET ONE OF THESE PRIZES

OUR CLUB WILL TAKE THE MOMBASA TRIP PRIZE.

COMRADES, PANDA MITI HIFADHI MAZINGIRA!!!

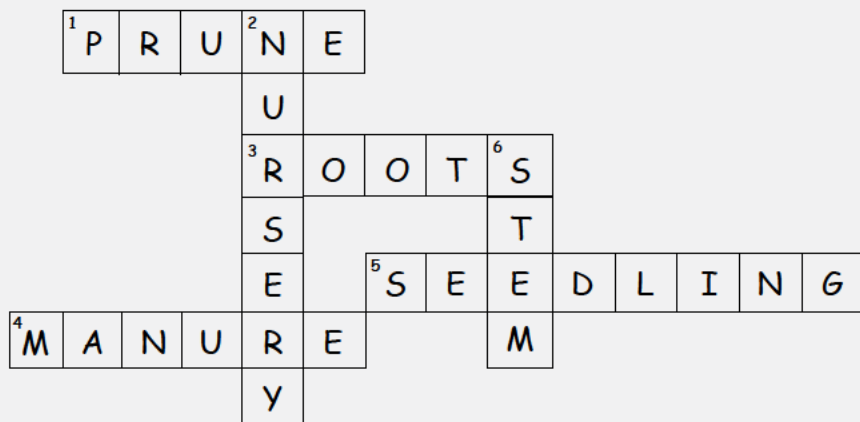
PANDA MITI HIFADHI MAZINGIRA!!!





PANDA MITI

Crossword Puzzle



ACROSS

1. Trim a tree by cutting away dead or overgrown branches
3. The parts of a plant which attaches it to the ground
4. Animal dung used for fertilizing land
5. A young plant, especially one raised from seed and not from a cutting

DOWN

2. A place where young plants and trees are grown
6. The main body or stalk of a plant or tree, typically rising above ground

Answers on page 22

Tree Planting & Care TIPS

1

After planting a tree avoid watering in the middle of the day to avoid evaporation. It is advisable to water early or late in the day regularly.

2

Removing grass and weeds around the base of the tree prevents them from competing with the tree for water and nutrients.

3

Removing grass and weeds around the base of the tree prevents them from competing with the tree for water and nutrients.

4

Mulching using grass or leaves helps to retain water and suppress weed growth.

5

Young trees need to be supported using a stick until their roots grow sufficiently to provide adequate stability.



Answers to Panda Miti Crossword Puzzle on page 21
ACROSS: 1. PRUNE 3. ROOTS 4. MANURE 5. SEEDLING
DOWN: 2. NURSERY 6. STEM

The Green Initiative Challenge

The Green Initiative Challenge (GIC) is a program by KenGen Foundation, Better Globe Forestry and Bamburi Cement Ltd working together in a schools partnership afforestation project that mobilizes and rewards education institutions and communities to actively participate in environmental restoration and conservation.

About the KenGen Foundation

The KenGen Foundation was established by KenGen in 2012 to serve as the vehicle for up-scaling its Corporate Social Investment (CSI) programs. KenGen has been involved in Corporate Social Responsibility activities, specifically targeting communities living in areas neighbouring its installations. This corporate effort has been driven by KenGen's commitment to being a responsible corporate citizen and its belief in adding value to the livelihoods of targeted communities by establishing relationships and implementing sustainable community projects.



The effort has also been encouraged by the company's realization that it cannot operate in isolation from the environment around it.

About Better Globe Forestry Limited

Better Globe Forestry Ltd is a private afforestation company that is part of the Norwegian 'Better Globe Group'. The company focuses on poverty reduction through massive tree-planting and sustainable agricultural programs, microfinance schemes, educational programs and water supply for rural communities. It also publishes Miti, The Tree Business Magazine for Africa.



Better Globe have established themselves as the leader in dry land forestation. Through use of innovation and careful selection of correct tree species, they have established forests in semi arid areas of Kitui and Lamu counties.

About Bamburi Cement Limited

Bamburi Cement Limited, a subsidiary of LafargeHolcim, a world leader in building materials, with a well - balance presence in 90 countries and a focus on Cement, Aggregates and Concrete. Bamburic Cement has has three subsidiaries Hima Cement Ltd (Uganda), Bamburi Special Products Ltd and Lafarge Ecosystems Ltd. The Company is driven by the needs of its customers, shareholders, communities; and is architect in creating high value-added solutions which encourage creativity whilst leaving a lighter trace on the world.





This is an initiative by KenGen Foundation, Better Globe Forestry and Bamburi Cement Ltd, to reward schools in Kenya for actively participating in environmental restoration and conservation.

Tupande miti, tuhifadhi mazingira

For more information, please contact: pandamiti@lafargeholcim.com

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