

GROW SMART



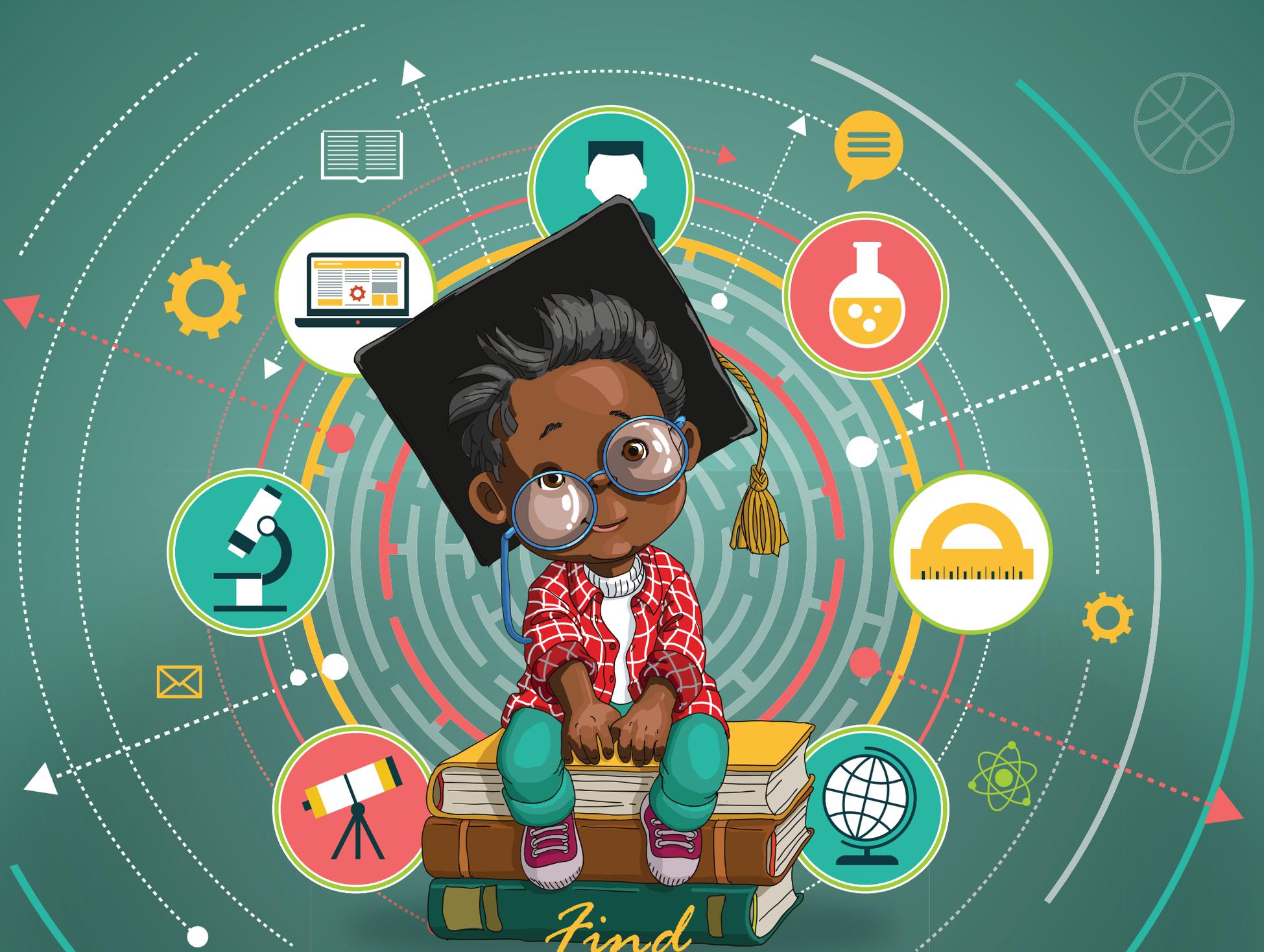
An initiative by **GROWTH-POINT**
PROPERTIES

In collaboration with



Western Cape
Government
Education

Second Edition 2015



Find
YOUR PATH
by reading & writing

DEAR GROWSMARTER

This is your very own copy of Edition 2 of the Growsmart newspaper! In these pages you will find lots of interesting things to learn and to do. There are numeracy exercises to practise your maths skills and words you can add to your vocabulary. If you find words that you don't understand, then look up their definitions in the dictionary – it will improve your literacy skills and make you smarter!

Practise reading whenever you can. Reading will not only improve your literacy skills, but it will also increase your knowledge. You will understand things easier and do better at school, which is really important for your future career.

Open a book and you will find
People and places of every kind
Open a book and you can be
Anything that you want to be
Open a book and you can share
Wondrous worlds you find in there
Open a book and I will too
You read to me and I'll read to you

OPEN A BOOK BY JANE BASKWILL

Until next time,
The Growsmart team.



SOLVE THE PROBLEM

Which number is larger: $\frac{1}{4}$ or 0,5?

Answer: _____

Which numbers are missing in the following sequence?
93, 89, 85, _____, 77, _____, 69

$23 - 0 + 7 - 0 =$ _____

Which number is larger: 0,25 or 0,025?

Answer: _____

$56 + 15 - 12 =$ _____

$88 \div 8 =$ _____

$7 \times 3 =$ _____

Which number is larger: $\frac{1}{2}$ or 0,3?

Answer: _____

$36 \div 6 =$ _____

$10 \times 10 \times 10 =$ _____

Which numbers are missing in the following sequence?
8, 15, 22, _____, 36, _____, 50

$4 \times 7 =$ _____

$99 \div 9 =$ _____

$15 \times 10 =$ _____

Which numbers are missing in the following sequence?
121, 111, 101, _____, 81, _____, 61

$20 + 13 + 2 - 15 =$ _____

$6 \times 3 \times 2 =$ _____

$5 \times 8 =$ _____

Connor Smith
(Brooklands Primary, Grade 5B)

Rasta who wants to make pasta

Here is a Rasta
who wants to make pasta.
He adds flour and oil,
And the water he boils.

He kneads with all his power,
And rests his dough for an hour.
He rolls it out twice,
But it did not come out nice.
He thought it was his lucky day,
But had to throw the dough away.
"Oh well!" he said,
"No pasta before bed."

Lerato Fundakubi
(Sophakama Primary, Grade 6)

What a river

A river is such a beautiful thing
where birds fly and bees sting
what we do is swim and drink
But it's negative when children sink

Fish swim, crabs dance,
when I swim I take off my pants
when I jump I make a splash
when I see a crocodile I run out
in a dash

A river is such a beautiful thing
People pollute it what a bad thing
Please, protect it because it's ours
or leave it because we won't have
swimming hours.

abdomen
ability
abnormal
absence
accelerate
accidental
accommodate
accurate
acquire
acrobat
additional
adequate
adhesive
aggressive
alligator
alternate
ambulance
amphibian
ancestor
anonymous
antelope
anticipate
antique
anxious

appalling
appetite
applause
appreciate
approve
artificial
asteroid
avalanche
awkward
bacteria
bandage
barracuda
beverage
blemish
bracelet
broccoli
calendar
capture
carnivore
casserole
cautious
celebrity
century
ceremony

cinnamon
clarify
collapse
combine
complain
confetti
confiscate
considerable
contagious
culprit
curiosity
cylinder
deceitful
decorate
delicate
demolish
detergent
discard
disregard
doubtful
drowsiness
elevator
elongate
enclosure

encourage
envious
escalator
evaporate
exclude
explorer
ferocious
festival
fictitious
flexible
forbidden
fortunate
fragment
furnace
generous
genuine
graffiti
gratitude
gravity
harbour
hazardous
herbivore
hesitate
hilarious

hurricane
identical
illegal
illiterate
imaginary
imitation
indecisive
inevitable
intentional
interior
javelin
kangaroo
laboratory
lengthen
library
lobster
location
luggage
macaroni
mansion
margarine
mattress
maximum
memorable

miniature
minimum
miracle
miserable
mistaken
monument
mountaineer
mystery
narrator
navigate
nectarine
obedient
observe
obstacle
occupation
omnivore
opponent
optimistic
orchard
ornament
ostrich
parachute
parallel
pollution

DO YOU KNOW WHAT THESE WORDS MEAN?

QUIZ TIME



1. In which year did South Africa host the Soccer World Cup?

Answer: _____

2. How many official languages are there in South Africa?

Answer: _____

3. Who became South Africa's first president after apartheid?

Answer: _____

4. Which two Nobel Peace Prize winners once lived in Vilakazi Street in Soweto?

Answer: _____

5. At which hospital did the world's first human heart transplant take place?

Answer: _____

6. Which four countries border South Africa to the north?

Answer: _____

7. Which animal can be seen on a R20 note?

Answer: _____

8. Which singer was the first South African to win a Grammy Award way back in 1966?

Answer: _____

9. What kind of tea is only grown in the Western Cape?

Answer: _____

10. In which country was the world's first automatic pool cleaner (the Kreepy Krauly) invented?

Answer: _____

11. Who was the first South African in space?

Answer: _____

Source:
<http://trulysouthafrican.com>

ANSWERS:
1. 2010, 2. 11, 3. Nelson Mandela, 4. Nelson Mandela and Desmond Tutu, 5. Groote Schuur Hospital, 6. Namibia, Botswana, Zimbabwe and Mozambique, 7. Ephant, 8. Miriam Makeba, 9. Rooibos tea, 10. South Africa, 11. Mark Shuttleworth.

JOHN GREEN

The author of

THE FAULT IN OUR STARS

John Michael Green was born in Indiana in the United States of America in 1977. John has often spoken about how he was bullied as a teenager and that it made him feel miserable. John was planning to become a priest, but his experiences while working in a children's hospital inspired him to become an author.

John's first novel was a story about teen romance entitled *Looking for Alaska*, which made it to The New York Times Best Seller list for children's books. John is best known for his fifth novel, *The Fault in Our Stars*, which was recently made into a film. He personally signed the first 150 000 copies of the book (He must have had blisters on his fingers after that!).

John also creates online educational videos to teach about literature, history and science, and to support charity work. For those of you who are football fans, you'll be interested to know that John is a Liverpool supporter.

Source: www.en.wikipedia.org



Thomas Michael Bond was born in England in 1926. He was unhappy at school, because the teachers would discipline the learners by beating them with rubber straps, and he left school at the age of fourteen.

Michael's first book was titled *A Bear Called Paddington*. The story is about a bear who is found at Paddington Railway Station by the Brown family. They adopt him and name him after the railway station. Michael then started writing full time and wrote more about The Adventures of Paddington Bear. People loved the stories so much that the Paddington Bear series sold more than 35 million books.

Michael was awarded the Order of the British Empire medal for his contribution to children's literature. In 2014, the story of Paddington Bear was made into a film called *Paddington*, in which the author plays a small part.

Source: www.en.wikipedia.org



MICHAEL BOND

The creator of

PADDINGTON BEAR

Jules Gabriel Verne was born in France in 1828, and is famous for his adventure and science fiction stories. His father wanted him to be a lawyer, but Jules loved writing and decided to make that his career instead. He wrote a letter to his father, saying "Am I not right to follow my instincts? It's because I know who I am that I realise what I can be one day."

Jules wrote plays, poetry and novels in French, and he has been one of the most translated authors in the world. His most famous novels include *Journey to the Centre of the Earth*, *Twenty Thousand Leagues Under the Sea* and *Around the World In Eighty Days*, all of which have been made into films.

Many places in France have been named after Jules, including a restaurant in the Eiffel Tower, a museum and an express train. A crater on the Moon also bears his name, as well as two French ships, a university, a school and a spacecraft.

Source: www.en.wikipedia.org

JULES VERNE

The author of

JOURNEY TO THE CENTRE OF THE EARTH



MATHS

WORD PROBLEMS

1 Mrs Jones has 35 learners in her class. She buys 35 rulers for them. When Mrs Jones hands out the rulers to the class, she discovers that 17 learners don't need her rulers because they already have their own. How many rulers does Mrs Jones have left?

Answer:

2 Ayanda has 6 packs with 18 cards in each pack. She loses 15 cards. How many cards does she still have in total?

Answer:

3 Thembi's music teacher asked Thembi to practise the piano for 15 minutes a day from Monday to Friday. How many days will it take Thembi to complete 3 hours of practice in total?

Answer:

4 Mary buys a bar of chocolate and decides to share it with Peter and Susan. Peter gets $\frac{1}{4}$ of the bar, Susan gets $\frac{2}{8}$ of the bar, and Mary is left with $\frac{1}{2}$ of the bar. Who has the largest piece of chocolate?

Answer:

5 Paul has 2 boxes and each box contains 4 small cars. He buys another 2 small cars. How many small cars does Paul now have in total?

Answer:

6 Bobby can blow up 6 balloons in 1 minute. How many balloons can he blow up in 1 hour?

Answer:

7 John collected 53 tin cans for recycling. Miriam collected 24 more tin cans than John. How many tin cans did Miriam collect?

Answer:

8 Fuzlin loves baking cupcakes. She decides to bake 24 cupcakes and sell them to her friends. It cost Fuzlin R54 in total to make the cupcakes. How much did it cost Fuzlin to make each cupcake?

Answer:

9 Ali had R15,25 in his money box. His mother gave him some money as a reward for a very good school report. He now has R32 in total. How much money did his mother give him?

Answer:

Jada Joseph (Brooklands Primary, Grade 5)

our precious family
I don't know when it started,
or how it all began
God created families
As only He can,
A mother and a father
giving unconditional love,
with strength and guidance from above.
Love that's never hidden, always shown,
Boasting about you to anyone who is known.
Memories through the years,
with fun, laughter and also some tears,
Families are meant to be together,
Always and forever.

WORD SEARCH

Find the following words hidden in the squares. The words may be found left to right, back to front, upside down or even diagonally across.

D	O	O	V	E	T	K	Z	E	L	E	B	E	D	N
A	G	N	O	S	T	X	A	I	J	M	B	O	P	E
Q	C	O	W	A	I	H	S	I	L	G	N	E	R	E
E	S	A	L	U	U	K	I	M	B	E	R	L	E	Y
S	N	U	P	W	L	S	S	A	N	T	C	A	T	E
A	A	L	G	R	U	B	S	E	N	N	A	H	O	J
C	A	T	O	S	Z	E	N	A	I	R	P	O	R	Z
D	K	I	H	T	K	M	B	T	E	N	E	R	I	A
W	I	N	T	H	E	R	A	X	Y	E	T	N	A	D
V	R	I	O	N	U	W	W	E	L	K	O	M	E	N
O	F	Z	S	D	S	P	O	L	O	K	W	A	N	E
N	A	R	T	I	U	R	P	S	L	E	N	N	E	V

CITIES & TOWNS

Durban
Johannesburg
Cape Town
Pretoria
Kimberley

Polokwane
Nelspruit
Soweto
Welkom

LANGUAGES

Swati
Afrikaans
English
Zulu
Sotho

Venda
Ndebele
Tswana
Tsonga

TONGUE twisters

Two new words you will learn about in Creative Arts are 'articulation' and 'projection'. The following tongue twisters are hard to speak fast, but they will help you develop your articulation and projection skills. And it's fun! Try saying the tongue twisters really fast, but make sure that your sounds are clearly formed and your words are audible. That way you will practise articulating and projecting your words well.

How much wood would woodstock stock if woodstock would stock wood?

Betty Botter bought some butter. "This butter's bitter," said Betty Botter, "but a bit of better butter will make my butter better." So Betty Botter bought some better butter, better than the bitter butter, and it made Betty Botter's butter better.

Red lorry, yellow lorry, red lorry, yellow lorry, red lorry, yellow lorry.

She sells sea shells on the sea shore. She sells sea shells for ever more.

Peter Piper picked a peck of pickled peppers. If Peter Piper picked a peck of pickled peppers, how many pickled peppers did Peter Piper pick?

Flash message, flash message, flash message.

Greek grapes, Greek grapes, Greek grapes.

The big bug bit the little beetle, but the little beetle bit the big bug back.

Six sick sea serpents swam the seven seas.

Five frantic frogs fled from fifty fierce fishes.

Fresh fried fish. Fish fresh fried. Fried fish fresh. Fish fried fresh.

Asavela Giyama (Naluxolo Primary, Grade 6)

where does God come from?

Sometimes I ask myself
where do people come from?
where does God come from?
Was it God's plan that
the world is like this?
Was it nature's plan?

There are forests with
Trees and animals
There are oceans with fish,
Sharks and whales
Rivers and waterfalls with splashing
And sparkling water
Mountains and valleys with all the wonders
And mines with platinum, gold and diamonds

If these were God's plans
How did God make these?
That is my question!
And where does God come from?

Leonardo Taylor (St Augustine's Primary, Grade 6)

A sleepy morning
Every morning I wake up from snoring
hearing my sister falling
I look up at the skies
And think about how time flies

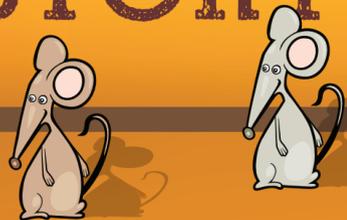
I wash my face
Looking at the curtain lace
I get dressed
And mom's looking stressed

I walk downstairs
And my sister cries for teddy bears
I go to school
Walking slowly past the pool.



Sources:
<http://www.funenglishgames.com>
<http://learnenglishkids.britishcouncil.org>
<https://www.tescoliving.com>

Vuyo WRITES A STORY



The quadruplets were excited about entering the Growsmart Story Writing competition, but they had no idea where to start. Neither of them had ever written a story before, and so they asked their parents, Vuyo and Gemma, for some help. "Ah, you've come to the right place, kids.

A long time ago, when I was your age, I wrote a story for a competition and won a prize for it! I still have it here somewhere." Then he scratched around in the drawers and cupboards, all the while muttering, "Hm, where can it be? I know it's here somewhere. Where are you hiding, my little

story? Come out, come out, wherever you are." And so on. Eventually he pulled out an old sheet of paper. "Ah, I knew I still had it! Here you go, children. Read this – maybe it will give you some ideas. Remember, if I can do it, then so can you!" And here, just for you, my dear reader, is Vuyo's story:

TITLE: THE BULLY GETS BUSTED
AUTHOR: VUYO MOUSE

GRADE 5
CHEESEVILLE PRIMARY

Ricky was the smallest mouse in Grade 5 and he was also very shy. Every morning his mother would pack him a healthy lunch and send him off to school. But one day, soon after he arrived at school, a much bigger mouse, Marvin, cornered Ricky and threatened to beat him up if he didn't hand over his lunch. He warned Ricky not to tell anyone about it. The little mouse was afraid and did what he was told. So each day Ricky went home hungry.

Leticia was Ricky's best friend. She noticed that Ricky never had any lunch and so she always offered to share her sandwiches with him, but Ricky would politely say, "No, thank you. I'm not hungry." Leticia knew something was wrong. She questioned Ricky about it, but he simply changed the subject. Leticia tried again and again, but Ricky always avoided telling her the truth about Marvin and his lunch.

One day Leticia was at school earlier than usual. She was on the other side of the playground when she saw Ricky arrive and decided to go over and say hello. As she started walking she saw Marvin, who had been leaning against the school gate, step in front of Ricky and say something to him. Ricky looked scared and immediately reached into his

bag and handed over what looked like his lunch pack. Suddenly Leticia realised what was going on – her friend was being secretly bullied by Marvin!

Leticia sprinted across the playground and when she reached the two mice she said to Marvin, "Why are you taking my friend's lunch?" Marvin jumped with surprise, but quickly said, "What's it got to do with you? He offered to give me his lunch." Leticia turned to Ricky and asked, "Is that true, Ricky? Please tell me the truth. I'm your best friend – don't let him get away with it."

Ricky looked at Leticia and realised that she was standing up for him. It became clear to Ricky that what Marvin was doing was totally wrong and that by saying nothing, he was helping Marvin to get away with it. The bullying had gone on long enough. Ricky was tired of being a helpless victim. Although he was still very afraid, the little mouse looked up at Marvin, eye to eye. He reached out his hand and took back his lunch. Then he said, "You're not taking my lunch, Marvin. I don't mind sharing with you if you're hungry, but I will not be bullied any more. If you do it again I will tell the principal."

Marvin opened his mouth to say something, but only managed a tiny, mousey squeak. He looked from Ricky to Leticia and back to Ricky. Then he shut his mouth and walked away in embarrassment. The two friends smiled at each other. There was nothing more that needed to be said. They learned that morning that true friendship can be a great help in difficult times.

Brooklyn van Wyk
(Brooklands Primary, Grade 5)

Food for Kids
Food is good and tastes delicious,
It keeps you healthy and is nutritious.
Makes you strong when you throw,
Food will also help you grow.
Eating foods that are
purple and green,
will help you become a healthy teen.
Many foods are really yummy,
But if you eat too much,
you will hurt your tummy.
About healthy food you should read,
To learn what kids really need,
Food information you should share,
with family and friends
to show how you care.

WHAT WILL YOU BE DOING 10 YEARS FROM NOW?

Have you thought about your future? Have you thought about what kind of work you would like to do when you've finished your schooling? If not, then a good starting point would be to think about what you enjoy doing, such as:

- Do you like helping people?
- Do you like building and fixing things?
- Do you like playing sport?
- Do you like drawing and painting?
- Do you like making music?
- Do you like dance and drama?
- Do you like science, nature and the outdoors?

The next step is to think about careers that involve these things. Keep reading this article to find out more about some interesting career choices. If you want to know more about some of the careers mentioned here, then don't hesitate to ask your teacher.

HELPING PEOPLE

Here you might consider becoming a doctor, teacher, child-care worker, lawyer, fire fighter, police officer, nurse, psychologist or social worker. Doctors treat all kinds of illnesses and injuries. They help sick people get well. Teachers educate children about many different and important things, so that the children can grow up and have successful careers. Social workers help people with various kinds of problems, such as homelessness, healthcare, family difficulties and much more.

BUILDING AND FIXING THINGS

If you enjoy building and fixing things, you may want to consider becoming a mechanic, fitter and turner, carpenter, architect, engineer or electrician.

Mechanics usually maintain and repair vehicles like cars and trucks. They must know a lot about vehicles and how engines work, and they should be able to solve mechanical problems quickly. Architects plan and design all kinds of houses and buildings. Their plans must ensure that the buildings are safe and include the electrical and plumbing works. Electricians understand how electricity works. They create the paths for electricity to follow through houses and buildings.

Without electricians, we would not be able to use our lights, televisions and other electrical appliances.

SPORT

If you enjoy sport, you can become a professional athlete, a coach or a fitness instructor. Coaches help people become better at a particular sport. They conduct practice sessions and create plans to help their teams win. Fitness instructors help people to achieve their personal fitness goals.

CREATIVE ARTS

The Creative Arts include dance, drama, music and art. Musicians sing, compose or play music, either performing on their own or as part of a group, usually in front of an audience. Visual artists use many methods to create their art, including drawing, painting, sculpting and even using computers, film and video. You can express your creativity as an actor who plays different roles on stage or on television, radio or film. You can become a dancer and delight audiences with physical movement set to music. You could even consider becoming a photographer or a fashion designer.

SCIENCE, NATURE AND ANIMALS

You could become a farmer, conservationist, veterinarian, food scientist, archaeologist, biologist, physicist or pharmacist. Veterinarians are like doctors, but they look after sick and injured animals instead of humans. Food scientists study foods and try to create food products that are healthy, safe and tasty. They look for better ways to preserve, process, package and transport foods.

This is just a tiny sample of possible careers you can choose for yourself. Here are some we haven't even mentioned yet: computer engineer or programmer, accountant, politician, economist, entrepreneur, secretary, salesperson, pilot, chef, author, meteorologist, television or radio presenter, botanist, jewellery designer, film maker, historian, paralegal, reporter, motivational speaker, librarian, dentist, geologist, interior designer, optometrist, travel agent and physical therapist. Do what you love and it won't feel like work!

Sources
<http://www.bls.gov>
<http://www.kids.gov>
<http://www.careerkids.com>

Ziyanda Mhntsilana
(Soyisile Primary, Grade 6)

School
School is everything
School can do everything.
School can open doors for you.
only if you are serious about your life.
without school you're going nowhere.
without school you won't succeed.
That's why I say go to school.
only if you are serious about your life.
I can see people leaving school,
And they sometimes regret it.
if you go to school there is
a lot you can achieve.
only if you are serious about your life.
Youth staying or going to clubs
Not knowing school needs them.
But there is one place that I say go to:
School, school, school,
school and school!!!



Faatimah Shabodien
(Woodlands Primary, Grade 4)

The Cat

Lavender the library cat
was very lazy and rather fat
Every day she came and sat
in a comfortable place
on the library mat
And sat, and sat, and sat

Shiloh Hamidi
(Woodlands Primary, Grade 4)

The Frog

There once was a frog from Limpopo
who ate a rotten potato
when he went croak
He started to choke
And turned red as a ripe tomato.

Tayla Samuels
(Northpine Primary, Grade 5)

My Mother

I watch my mother twirl and dance around
the kitchen with my aunts.
I catch the sparkle in her eyes,
at night she chases fireflies.
She's known to hug a teddy bear and wear
red ribbons in her hair.
She's good at things like bean bag throw
and making angels in the snow.
I've watched her play pretend guitar
and tell her wishes to the stars
and by watching her I've come
to see the little girl she used to be

Sobiga Simamkele
(Sophakama Primary, Grade 6)

My environment

You give us oxygen to live
Mother of the nature
You give us life
People kill you with pollution
And that is so dirty
But you stay strong
we love you because you protect us and
you save our lives
You always give us energy
And oxygen all the time
we are still alive because
of your powers, strength and protection
Now we are the people of the next
generation to take care of
our precious environment

PROFESSOR THANDI'S

FUN

SCIENCE EXPERIMENT

Why do people who live in places where it gets freezing cold often throw salt on their driveways? Why do they sprinkle salt over the outside stairs and walkways when they get icy? The answer is that the driveway, stairs and walkway are all slippery because of the ice, but the salt melts the ice and makes it safe to walk or drive on those surfaces without slipping. Try this experiment to see it with your own eyes.

SALT MELTS ICE!

YOU WILL NEED

- A cup of water
- A few ice cubes
- Salt
- A piece of string

INSTRUCTIONS

1. Place the ice cubes into the cup of water (they will float).
2. Dip the string into the water and try to pull up an ice cube. You can't do it, can you?
3. Now place the string across one of the ice cubes.
4. Sprinkle some salt over the string on top of the ice cube. Wait for about a minute.
5. Pull the string out. Presto! You've caught an ice cube!

RESULTS

As we said before, salt melts ice – that is because water usually freezes at a temperature of 0° Celsius, but when it is mixed with salt then it has to be colder than 0° before it freezes. So when you sprinkled the salt on the string and the ice cube, the ice melted a little bit. However, because it was only a small amount of salt, the water froze again quite quickly. But when it froze again, it froze the string to the ice cube. How cool is that! Now see if you can freeze more than one ice cube to the same piece of string.

Source:
www.sciencekiddo.com

