



An initiative by GROWTH-POINT PROPERTIES



Practice Edition

PRACTICE MAKES PERFECT



We're SUPER excited that you're reading this Growsmart newspaper. You know, some learners think that reading is just something that teachers make them do. Some learners find reading to be difficult or boring or hard work. Yes, it may be hard in the beginning, but it will get much easier with regular practise. Just keep on reading, even if it's a little bit each day!

- Increasing your knowledge,
- Improving your writing skills,
- Improving your speaking skills,
- Improving your learning skills, and
- Opening up a whole new world of possibility and imagination!

Good luck and best wishes for the 2016 school year! Listen to your teacher and, if you don't understand something, don't be shy to ask questions – because that's the only way to get the answers you need.

"The more that you read,
The more things you will know.
The more that you learn,
The more places you'll go!"

- from *I Can Read With My Eyes Shut!*
by Dr. Seuss

Until next time,
The Growsmart team.



SOLVE THE PROBLEM

$$45 + 15 - 25 = \underline{\hspace{2cm}}$$

11 x 6 = _____

$8 \times 7 = \underline{\hspace{2cm}}$

$$56 \div 7 = \underline{\hspace{2cm}}$$

Which number is larger: $\frac{1}{2}$ or 0,8?

Answer: _____

$36 \div 9 =$ _____

$9 \times 4 =$ _____

$12 - 6 + 36 = \underline{\hspace{2cm}}$

$119 - 19 = \underline{\hspace{2cm}}$

$9 \times 11 =$ _____

Which numbers are missing in the following sequence?

4, 9, 14, _____, 24, _____, 34

$4 \times 4 \times 4 = \underline{\hspace{2cm}}$

$1\ 100 \div 10 = \underline{\hspace{2cm}}$

$2 \times 24 = \underline{\hspace{2cm}}$

Which numbers are missing in the following sequence?

66, 77, 88, _____, 110, _____, 132

$$20 + 13 + 0 - 10 = \underline{\hspace{2cm}}$$

$3 \times 3 \times 4 =$ _____

$5 \times 9 =$ _____

$120 + 27 = \underline{\hspace{2cm}}$

$99 \div 9 = \underline{\hspace{2cm}}$

DO YOU KNOW WHAT THESE WORDS MEAN?

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

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://trutysouthafrican.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. Elephant. 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 how 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 FC 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 VERNE

The author of

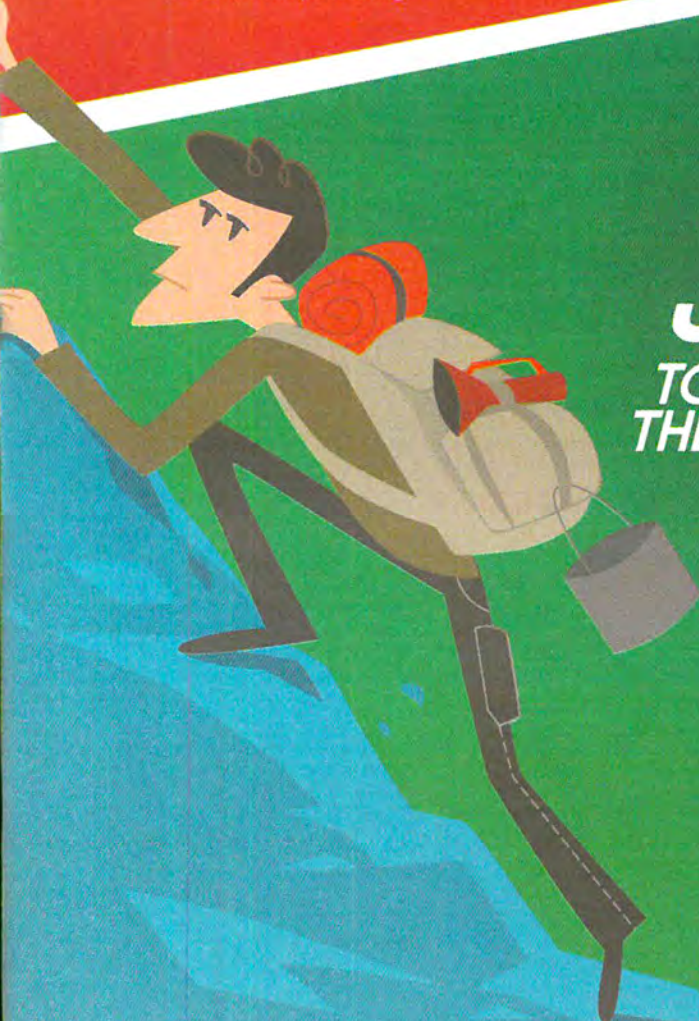
JOURNEY TO THE CENTRE OF THE EARTH

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



MATHS

WORD PROBLEMS

- 1 Cynthia is going to the market to sell some of the vegetables from her garden. She would like to sell a box of potatoes for R42,95 and a box of carrots for R25,95. She also has a huge pumpkin that she hopes to sell for R30. How much money does Cynthia hope to earn by selling all of her vegetables?
- Answer:
- 2 Ayesha is making chocolates to sell on Valentine's Day. She wants to sell 55 boxes and each box must have 6 chocolates in it. How many chocolates must Ayesha make in order to fill all the boxes?
- Answer:
- 3 Emma has too many books in her room and decides to give some of them to her friends. She has 104 books. If Emma gives 12 books each to 8 of her friends, how many books will she have left?
- Answer:
- 4 Kyle has just returned from a visit to Durban and he has brought back with him three gifts for his family. He bought a smart leather belt for his father for R65,95. For his mother he bought a pair of earrings for R82,50. Kyle bought a new video game for his brother for R123,60. How much money in total did Kyle spend on gifts for his family?
- Answer:
- 5 There are 14 children at Peter's birthday party. Peter's mother has a box of 98 sweets that she would like to share equally with each child at the party. How many sweets will each child get?
- Answer:
- 6 Gareth is reading the latest book in the *Harry Potter* series. He reads 12 pages each day. After 9 days, Gareth still has 34 pages left to read. How many pages are there in total in Gareth's book?
- Answer:

COMMONLY CONFUSED WORDS

The pairs of words in the list below seem quite similar or sound alike, and it's very easy to confuse them. We've provided short definitions for each word, but we encourage you to look up the words in a dictionary to get the full definitions.

Advice

This is a noun. It means an opinion or suggestion given to someone about a particular situation. Example: "My friend gave me some advice on how to deal with the school bully."

Aloud

Out loud, not silent or whispered.

Dairy

A dairy farm is a place where milk and milk products are produced.

Desert

Desert can be a noun or a verb. The noun form is a large area of land with very little water. The verb form means to abandon something or somebody.

Foul

Foul means something that is offensive, bad, rotten or unpleasant, such as foul language or foul weather.

Herd

A herd is a group of animals of the same type that live and feed together. Example: "A herd of cows".

Lessen

To lessen something is to make it smaller, weaker or less important.

Loose

When something is loose, it means it is not tight or tied.

Waist

Your waist is the area of your body between your hips and your ribs.

Advise

This is a verb form of the noun "advice". It's about the action of giving advice. Example: "I advise you to stay indoors today, because it's going to rain heavily."

Allowed

To have permission to do something.

Diary

A diary is a journal or book in which you write daily or regularly.

Dessert

Dessert is the sweet food eaten after a meal, such as pudding or cake.

Fowl

A fowl is a bird that is kept for its meat and eggs, such as a chicken.

Heard

Heard is the past tense of "hear", which means to be aware of sounds with your ears. Example: "I heard the bells ringing."

Lesson

A lesson is something from which you learn. For example: "The teacher taught us a lesson about the water cycle."

Lose

To lose means to not win. It can also mean to misplace something and not be able to find it.

Waste

Waste is garbage. It can also mean to use more of something that is necessary. Example: "Why waste money on clothes you don't need?"

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.

Banana
Pineapple
Pear
Orange
Apricot
Mango
Cherry
Grape
Guava
Granadilla
Lemon
Peach

Carrot
Potato
Cauliflower
Turnip
Cabbage
Spinach
Asparagus
Onion
Leek
Beetroot
Radish
Lentils

WORD SEARCH

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

Vuyo, Gemma AND THE BURIED BOTTLE

One hot day in the middle of summer, Vuyo and Gemma decided to take the quadruplets to the beach. Vuyo had brought a beach umbrella to provide some shade and Gemma rubbed sunblock on the quadruplets so that they wouldn't get sunburnt. Vuyo and Gemma spread their beach towels beneath the umbrella and then stretched out on them for a nap, while the quadruplets went off to play in the water. Although all the quadruplets could swim quite well, Vuyo told them not to go out too far and that they should play where the water was only knee-deep.

While Emma and Petra were playing and splashing in the shallow water, Jonah and Michael were building a castle in the sand. Jonah was using a little plastic spade to collect sand for the castle, when suddenly the spade struck something hard. Jonah thought it was a rock buried in the sand, and so he started to clear away the sand with his hands. To his surprise he found an old green bottle with a cork firmly stuck in the open end. "Michael!" he called. "Look what I found buried in the sand."

Michael took the bottle from Jonah and held it up to the sun to see if there was something inside it. "There's something in there!" exclaimed Michael. "Let's pull out the cork and see what it is." Michael held the bottle while Jonah took hold of the cork and pulled. Michael pulled in one direction and Jonah pulled in the opposite direction, like a tug-of-war. After a long struggle, the

cork suddenly popped out and the two mice fell backwards into the soft sand. Jonah was still holding the bottle, and he now turned it over to shake out whatever was inside. He shook and shook the bottle, but nothing came out. Then he lifted the bottle to his eye and looked inside. "It looks like a rolled up piece of paper," he said.

"Let me see if I can get it out," said Jonah, and he stuck one of his fingers into the bottle. "Careful, Jonah," said Michael. "You don't want your finger to get stuck in the bottle. Why don't we rather go and ask mom if she has a pair of tweezers? You know you can find anything in her handbag!" So they went over to their parents beneath the beach umbrella and asked Gemma if she had a pair of tweezers. "What on earth do you want with that?" she said, but started scrummaging in her bag before the children could answer. "Ah, I thought so!" said Gemma, triumphantly pulling out a pair of tweezers. "Now, you be careful with that, boys," said Gemma.

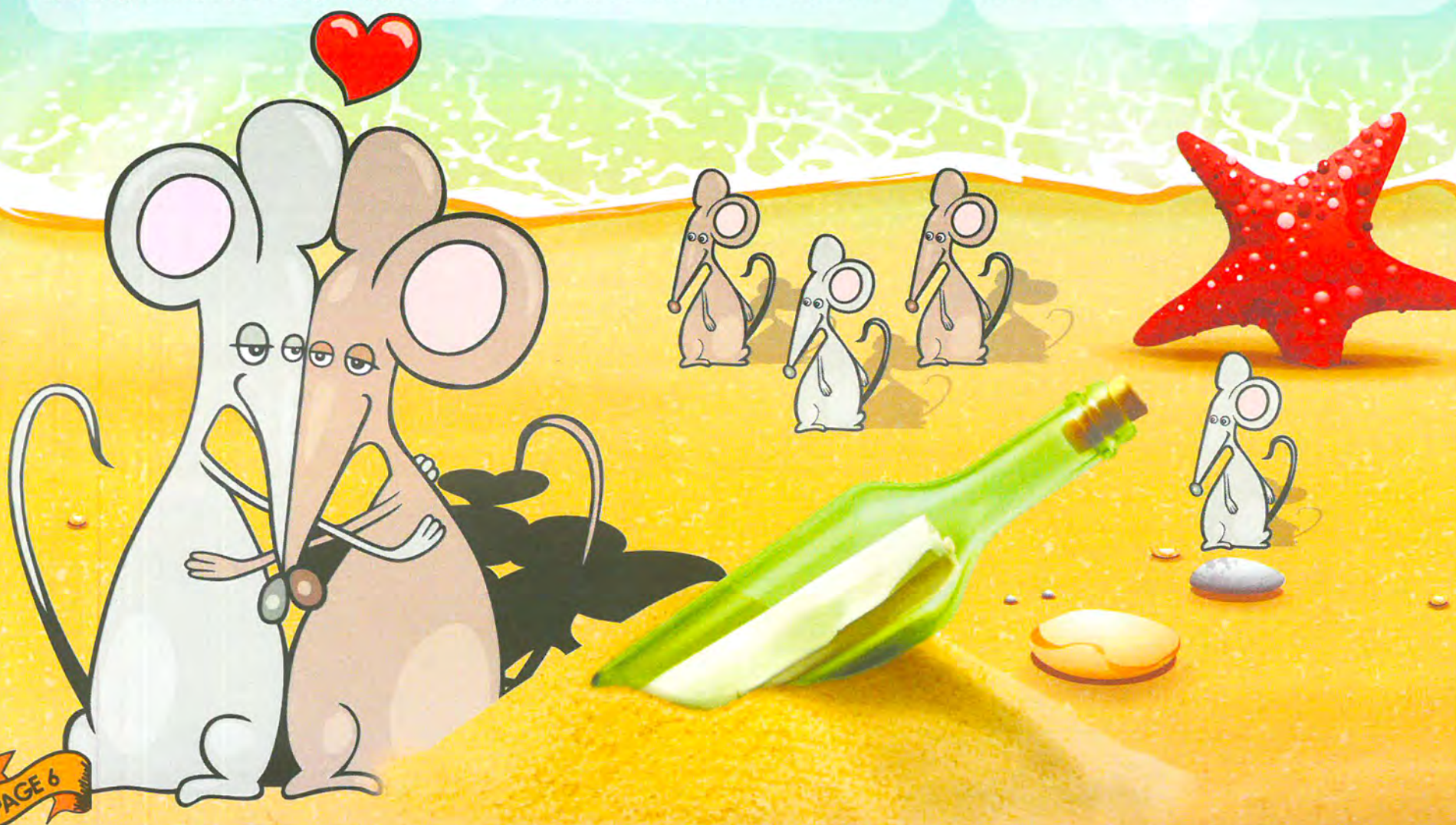
The pair of tweezers made the job easy and soon Michael was unrolling the piece of paper in his hands. The paper looked quite old and must have been in the bottle for a long time. "Look, Jonah, there's handwriting on the paper!" said Michael. Although the ink was faded, they could still read the writing. It said:

"Greetings from Perth in Australia! My name is Jeremy Cookson and I'm 12 years old."

I'm sending this message just to say hello to whoever finds it. Today's date is 9 May 1934. I hope my message travels a long way from Australia and is found by someone on the other side of the world."

Michael and Jonah looked at each other in disbelief. Jonah said, "Michael, this bottle has travelled more than 10 000 kilometres." "That's right," said Michael, "and if this letter was written in 1934, that means Jeremy Cookson is now about 81 years old!"

Michael and Jonah had made an amazing discovery and they immediately ran to tell their parents and siblings all about it. They decided to write a letter of their own, just like Jeremy's letter. They wrote a short note on a piece of paper they found in Gemma's handbag, then they rolled it up, put it into the same green bottle and firmly pushed the cork back in. They threw the bottle far out into the sea, hoping the tide would take it on a long journey to a distant destination. And maybe, just maybe, someone will find it many years from now and be inspired to send a letter of their own across the wide ocean.



BE YOUR BEST!

We all have different talents, skills and abilities. Some of us are better at certain things than other people, but nobody is absolutely brilliant at everything. However, we can take pride and satisfaction in anything we do, as long as we know that we have done our best. Here are some tips to help you do your best:

Make a plan

Decide what you want to do and then plan how you are going to do it and what you will need. Part of your plan must include the time you have to achieve your goal. Stick to your plan and ask for help when you need it.

Learn to listen carefully

When someone is speaking to you, look at them and give them your full attention. Say "yes" and "no" in the right places to show them that you are listening.

Don't give up easily

We all experience bad times every now and again, but we can always bounce back (like a piece of elastic that you stretch between your hands and then let go of at one end). This is called resilience. Don't let tough times keep you down!

Be yourself

Respect yourself. Sometimes we feel pushed by others to do something that we know is wrong. This is called negative peer pressure, and it can make you feel very uncomfortable. Sometimes it is hard to say no to your friends, but you always have the right to say no. Remember that nothing is so awful that you can't talk to someone you trust about it.

Practise, practise, practise

The best way to get better at something is to practise as often as you can. Make it a habit to practise your skills regularly.

Take responsibility

Be responsible for your own stuff, your own work and your own actions. Make sure you understand what needs to be done and ask questions when you are learning new things. Keep your word by doing what you say you will do. Be honest.

Good manners rock!

Having good manners makes you a pleasant person to be around. Be respectful of others and you will more likely be treated

with that same respect. Be polite and courteous; be sensitive to other people's feelings; say "please", "thank you" and "excuse me"; be helpful; and clean up after yourself.

Take charge of your feelings

It's okay to feel sad, lonely, upset, angry or afraid – these are normal human emotions. You should know that they are your own feelings and they will go away after a while. Give yourself some time to think about what you are feeling. It's okay to talk to someone that you trust about your feelings, instead of keeping them inside yourself. It's not okay to let your emotions take control of you – you are the boss of your emotions.

Source:
www.cyh.com



SCRAMBLED WORDS

The letters in the words below are all mixed up and out of order. See if you can unscramble them. Each word has something to do with school.

hwmoerok

paicnripl

narecumy

tcheaer

lareenr

dsek

trem

sarterecy

uronifm

hadiloy

picent

pocjert

iteravnl

crosslam

tset

COMMONLY CONFUSED WORDS

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WORD

Accept
Except

Aisle
Isle

Currant
Current

Draft
Draught

Dual
Duel

MEANING

To agree to receive something or to do something.
When something is not included.

A passage between rows of seats.
An island.

A dried grape.
1. A flow of water, air or electricity. 2. Happening now.

The first version of a piece of writing.
A current of air.

Having two parts.
A fight or contest between two people.

WORD

Foreword
Forward

Palate
Palette

Sight
Site

Stationary
Stationery

MEANING

An introduction to a book.
Onwards, ahead.

The roof of your mouth.
The board on which artists mix their paint colours.

The ability to see.
A location.

Not moving.
Writing materials.



Fix these sentences

Circle the correct word in each of the following sentences:

- Vuyo has/have walked four kilometres.
- Betty does'nt/doesn't have an umbrella.
- The part of your body between your hips and your ribs is called your waste/waist.
- We was/were completely confused.
- My mother allowed/aioud me to eat another bowl of ice cream.
- Our dog bark/barks all the time.
- My twin brother and I loves/love to read.
- He was speaking so softly that I couldn't hear/here what he was saying.
- We always where/wear the same clothes.
- My pants fell down because my belt was lose/loose.



PROFESSOR THANDI'S FUN SCIENCE EXPERIMENT

Have you ever heard of a naked egg? A naked egg is an egg without a shell. We're not talking about a boiled egg that has been peeled, but a raw egg without a shell. You would think that a raw egg would fall apart without its shell, but we will show you how to remove the shell while the inside of the egg remains intact.

MAKE A NAKED EGG!

YOU WILL NEED

- One or two raw eggs
- A large glass, cup or jar
- White vinegar (or dark vinegar, but you can see better with white vinegar)

INSTRUCTIONS

1. Carefully place the egg in the glass.
2. Pour the vinegar into the glass so that it completely covers the egg.
3. Now watch what happens over the next two days.

RESULTS AFTER A SHORT WHILE

In a short while you should see tiny bubbles forming on the egg shell. This is carbon-dioxide gas. Why? Well, the egg shell is made up mostly of something called calcium carbonate, which is found in many types of rock (like limestone, chalk and marble) and in the shells of snails, oysters and so on.

Vinegar contains an acid, called acetic acid. When the calcium carbonate in the egg shell and the acid in the vinegar come together, something happens – we call it a chemical reaction. The acid slowly dissolves the egg shell and carbon-dioxide gas is released (the little bubbles you see on the shell).

AFTER ONE DAY

After the first day, a lot of the egg shell will have been dissolved. You should be able to remove the egg from the vinegar without breaking the egg. The best way is to carefully pour out the vinegar and gently catch the egg in your hand. The inside of the egg is held together by the two fragile membranes that surround the white of the egg, just inside the shell. Try not to break the egg! Now pour fresh vinegar into the glass and let the egg soak for another day.

AFTER ANOTHER DAY

By now you should have a really cool naked egg. Remove it from the vinegar and you'll notice that it feels soft and a bit rubbery. You can even try to experiment with how much pressure the naked egg can take before it breaks.

You also might notice that the egg is a little bit bigger than it was when you first started. That is because some of the vinegar (and the water in the vinegar) has moved through the membranes into the egg.

If you want your naked egg to get even bigger, try soaking it in water. The water will move through the membranes and into the egg. The egg will swell and

become larger. When water moves through a membrane, we call the process osmosis. If you add some food colouring to the water, then you'll see the same colour inside the egg after the water has moved inside!

And hey, we do not recommend eating naked eggs.

Source:
www.imaginationstationtoledo.org

