

Student Learning Bulletin

November 2015

News in Brief

- Saltwater streaks were found on Mars by NASA's Reconnaissance Orbiter which is the best evidence yet that there are liquid water streams along the planet's surface during warm seasons
- New Zealand announced that it will create one of the world's largest marine protected areas. Called the Kermadec Ocean it will cover 620,000 square kilometres.
- It was revealed that taxis driven by robots are to start being used in Fujisawa, Japan next year.

QUOTE OF THE MONTH

If you can, help others; if you cannot do that, at least do not harm them.

Next Month:

- Sleep
- Stress
- Website of the month



SUN SAFETY

We all need some sun as it is our main source of vitamin D, but whatever the time of year, if you are not protected from the sun it can cause damage to eyes and skin, and even cancer.

Most children have 50%- 80% of their lifetime sun exposure before age 18, so it's important to enjoy fun in the sun safely.



Use a sunscreen cream. Don't forget about lips, hands, ears, feet, shoulders, and neck.



The sun's rays damage eyes as well. Even 1 day in the sun can result in a burned cornea (the outermost, clear membrane layer of the eye). Repeated exposure can lead to cataracts later in life (clouding of the eye lens, which results in blindness). The best way to protect eyes is to wear sunglasses.

Most sun damage happens during day-to-day activities, not at the beach, so get into the habit of using sun lotion and sun glasses. Remember it's not just during the Summer!

REVISION TIP:

Look after yourself - Sometimes revision can become a competition - who stayed up latest, who worked longest, who's worrying the most. But the more tired you are the less efficiently you'll work. You need to rest as well as study, eat well, drink lots of water and make sure you pace yourself. Don't rush, and equally don't over-revise by doing too much too soon.

MATHE-MAGICIAN



How many times can you subtract 6 from 30?

CAREER ABC

BUSDRIVER



It is the responsibility of the bus-driver to drive their buses safely through the

traffic and collect the required fares. In addition they care for the needs of their passengers, such as the elderly, mothers with children, the blind, etc. They also collect lost articles in the bus at the end of each journey and hand them in at the central bus office. Drivers attached to a touring or travelling company take people on bus tours throughout the country. Apart from being bus-drivers, they sometimes also act as tour guides. They check their buses before departure and have to wear a uniform. They need to be punctual, courteous, drive carefully and be able to make accurate and quick decisions. They should be alert and try to prevent accidents, especially when driving in heavy traffic or bad conditions. Good eye-hand co-ordination, sight and health are important requirements. Driving a bus through heavy traffic is not physically strenuous, but it may cause strain and fatigue. Emotional stability and the ability to stay calm are good attributes, since the work could be stressful

Website of the month:

<http://nmolp.vam.ac.uk/webquests>

'WebQuests' are great fun!

You can choose one that you are interested in and then off you go! They are linked to museums and art galleries around the UK, and have topics such as:

Jewellery Design, Animal Magic,
Wallpaper Design Challenge, Pop Art Portraits,
Discovering Diamonds, Taxonomist in Thailand,
Mud and Memory, Design DNA,
Bookcover Design, Votes for Women, War Artists.
History of Hair & Beauty, and more.....

There are easy instructions to help you use the collections and do searches to help solve the task.

QUIZZLEPUZZLE

I'm the part of the bird that's not in the sky.
I can swim in the ocean and yet remain dry.
What am I?

DID YOU KNOW ?

Honey is the only food that does not spoil. Honey found in the tombs of Egyptian pharaohs has been tasted by archaeologists and found edible!



CARBON FOOTPRINT

A 'Carbon Footprint' is the amount of greenhouse gas emissions we produce in our daily lives.

There are many different calculators for this on the Internet - here is a good one for students, calculate your carbon footprint and find out how to improve:
www.planet-positive.org/how_2_calculator.php



ANSWERS FROM LAST MONTH: Quizzlepuzzle-Switch on number 1 for 1 minute, then switch it off. Switch on number 2. Go upstairs. The light that is on is connected to switch 2. The light that is off and warm is connected to switch 1. The light that is off and cold is connected to switch 3.

MATHEMAGICIAN: 9 spiders. 6 legs for each insect, 15 insects will have 90 legs. But, there are $108 - 90 = 18$ extra legs. Spiders have 8 legs, insects have 6.