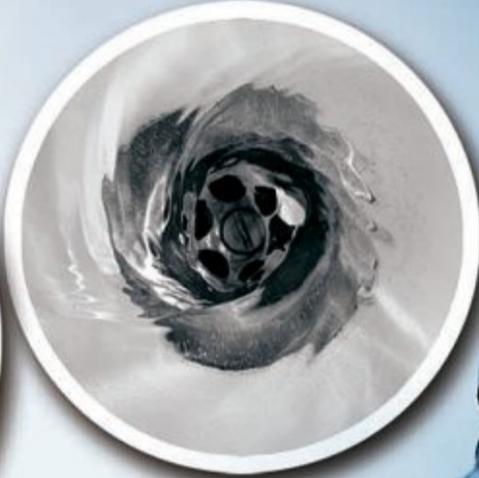


NiE



Did you know?

THE world's six billion people use 54% of all the accessible freshwater contained in rivers, lakes and underground aquifers. Two out of three people will be living with water shortages by 2025.



PART 2

THE FUTURE OF OUR EARTH

— Sustainability addresses the ongoing capacity of Earth to maintain all life. Sustainable patterns of living meet the needs of the present without compromising the ability of future generations to meet their needs. Actions to improve sustainability are individual and collective endeavours shared across local and global communities. They necessitate a renewed and balanced approach to the way humans interact with each other and the environment. (Australian Curriculum)

SCIENTISTS along with those in research, education, policy making, business, industry and

community, provide solutions and encourage positive actions that make a direct contribution to the Earth becoming more sustainable. Individuals can contribute by altering their lifestyles and adopting more sustainable ways of living.

By reducing our demand on natural resources, we can help reduce the environmental impact and make this planet a cleaner and safer place to live.

Measures like saving water, not choosing to consume a product that is made using practices that don't promote sustainability, using public transport more often, reducing energy consumption and becoming more eco-friendly can go a long way.

Earth's water resources

WATER is an essential element. It is vital to all life. We depend on it but we take it for granted and we waste it. We expect to turn on the tap and out it will come; clean, clear and plentiful.

The needs of our growing world are escalating and the demand on water is increasing. It is important we manage water supplies more carefully not just for ourselves but to maintain healthy ecosystems.

Water is our most precious resource and it is so important that we conserve it.

Around the world, communities are dealing with the serious issues caused by a shortage of water. It is therefore important to establish water smart plans.

SCIENCE WEEK

SCIENCE is a study that allows us to gain a better understanding of the natural world and how it works, through observations and experimentation. Science allows us to gather information and facts about the world we live in and formulate laws, theories and principles based on the data collected. A scientist is someone who uses this scientific method to acquire new knowledge and perform research work.

A scientist may be an expert in one or more areas of science, such as biology, sustainability, agriculture, space, food, nutrition or plants.

TRY THIS

Don't be a drip

THERE are many ways in which we use water, but how many ways do you know how to save water?

Water usage remains a key environmental concern and there are many ways to save the precious resource.

Whether it's fixing a leaking tap or turning off the tap while brushing teeth or installing rainwater tanks, every little bit helps.

Test how much water a leaky tap wastes a day.

Steps:

Turn a tap on so that it is just dripping.

Place a plastic tub under the dripping tap and start timer.

After 30 minutes, turn tap off and remove tub.

Pour water into graduated cylinder or measuring cup and measure how many ml's dripped in the allotted time.

Multiply the amount of water by two to give you how much a water leaked in an hour.

Multiply how much water leaked in an hour by 24 to get the amount of water that would be wasted in a day.

Calculate how many days it would take to fill an Olympic sized swimming pool (2,500,000 litres of water) if the tap continued to leak.



STOP IT: Fixing a dripping tap can save water. PHOTO: WARWICK DAILY NEWS

THURSDAY: The future of our earth – Part 3



Thanks to these **A+ Businesses**, NiE can go to school.



Jeff Hannaford

Your friendly local Chartered Accountant
Inglewood - 4652 1106
Texas - 4653 1155
Millmerran - 4695 1477

Warwick **Daily News**

Ph: 4660 1355

If you are interested in the promotional benefits of sponsoring Newspaper in Education material to school students on the Southern Downs, please phone Lara on 4660 1301 or email lara.brackin@warwickdailynews.com.au

