



**SITA**

# WASTED TIME

SCHOOLS RECYCLING AND  
WASTE EDUCATION  
PROGRAM

JOIN US ON A JOURNEY  
OF DISCOVERY AS WE  
INVESTIGATE THE  
**WHAT, WHERE AND  
WHY OF RECYCLING  
AND WASTE!**



THE LEADER IN RESOURCE RECOVERY

# WHAT A WASTE!

WE ALL PRODUCE WASTE, BUT NOT MANY OF US KNOW WHAT HAPPENS TO IT AFTER WE PUT IT IN THE BIN. FIND OUT WHAT HAPPENS NEXT THROUGH OUR **RUBBISH TODAY, RESOURCE TOMORROW** INTRODUCTORY WORKSHOP.

## RUBBISH TODAY, RESOURCE TOMORROW

Stages 1 to 3 – 45 to 60 minutes

This interactive unit explores the what, why and where of household waste through hands-on problem-solving activities and discussions that will explore and expand students understanding by investigating:

- What goes in each bin – the good, the bad and the ugly (and it's mostly ugly);
- What next? Where it all goes and what happens to it;
- Waste and the World– the impacts on the environment if waste isn't managed correctly.

## SCHOOL WASTE AUDIT\*

Stage 3 only – 90 minutes

Schools produce a lot of waste, most of which can be recycled or composted. The SITA Education Team are available to run a school waste audit. Students will help sort and classify waste, weigh and record results, report on their findings and develop strategies for reducing the overall amount of waste produced in the school, as well as improving recycling and composting rates!

All protective equipment provided.

*\*Rubbish Today, Resource Tomorrow workshop must be completed first before undertaking a School Waste Audit.*

# KNOW YOUR PRODUCT

A LARGE PROPORTION OF THE WASTE WE SEND TO LANDFILL IS MADE UP OF RECYCLABLE PACKAGING – MORE THAN WE MIGHT THINK!

## SMART SHOPPING

Stages 1 to 3 – 45 minutes

*Smart Shopping* focuses on reducing packaging waste at the source, by making smart decisions while shopping for everyday items.

Students will learn about rigid, flexible and combination packaging: the pros and cons of buying in bulk (as opposed to individually wrapped convenience foods and products), what can and can't be recycled, and where different kinds of waste are likely to end up.

## LIFE (BI)CYCLES

Stages 2 to 3 – 45 minutes

Many of the items we use every day are made up of several different materials. This workshop examines a common item (such as a bicycle) and looks at what it is made of, where the raw materials have come from, and what happens at the end of its life.

This workshop will enhance students understanding and awareness of the materials which are used to make the things we use every day, how these materials were produced or derived, and the ways in which everyday items can be broken down and turned into useful new products.

# COMPOSTING CRITTERS

OVER HALF OF THE WASTE WE PRODUCE CONSISTS OF ORGANIC MATERIALS WHICH CAN BE TURNED INTO A VALUABLE RESOURCE – COMPOST! BUT ONLY IF IT IS PLACED IN THE RIGHT BIN, AND NOT MIXED UP WITH OTHER NON-COMPOSTABLE MATERIALS.

## THE WORLD BENEATH OUR FEET

Stages 1 to 3 – 45 to 60 minutes

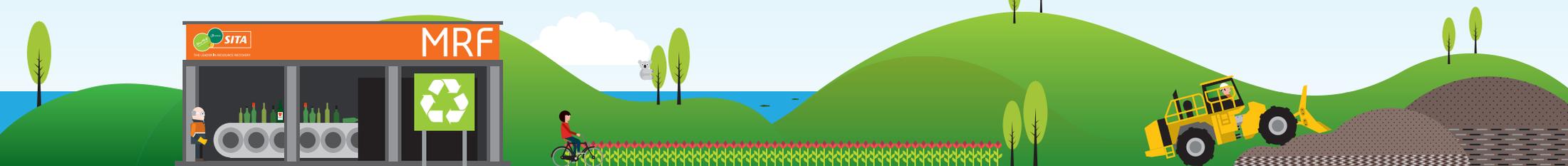
Composting is nature's way of recycling organic material. We can copy nature's example by composting at home or at school, or through kerbside organics collection services.

*The World Beneath our Feet* explores nature's recycling system by getting up close and personal with the bugs and critters in the soil. Students will use magnifying glasses and a microscope to study bugs and how they break down organic materials, and to learn how this happens both in a backyard compost bin and on an industrial scale.

## CLOSING THE LOOP ON ORGANICS

Stages 1 to 3 – 45 minutes with presentation

Kids love watching things grow and this workshop provides them with a good understanding of the three R's – Reduce, Reuse and Recycle. Students will create a small self-sustaining greenhouse using recycled organics and bottles which they can take home and watch grow while learning how to close the loop on organics.



# WHAT IS SITA'S WASTED TIME PROGRAM?

SITA AUSTRALIA PROVIDES IN-SCHOOL RECYCLING AND WASTE EDUCATION SERVICES TO PROMOTE AND ENHANCE UNDERSTANDING OF THE RELATIONSHIPS BETWEEN WASTE AND THE ENVIRONMENT.

Through curriculum linked activities, tours and workshops, our fully qualified and experienced educators provide the tools to help students reduce, reuse and recycle their waste.

- All education programs **FREE** to eligible schools.
- Delivered by experienced environmental educators.
- Improves students' awareness and understanding of the impacts of waste on the environment and their part in creating a more sustainable future.
- All workshops tailored to meet stage requirements.
- All workshops can be adapted to fit into school time tables.
- Fun and engaging hands on activities for students of all ages – and teachers might even learn something too!
- Extension material provided for follow-up activities in class.
- Activities can be run in classrooms, halls or outdoors with sufficient room for unobstructed movement. Access to power is required for some modules.



## CONTACT US

For more information about the in-schools program, facility tours, or booking procedures, please contact our Education Team:

**Phone (02) 9826 3100** or

**Email [sita.education@sita.com.au](mailto:sita.education@sita.com.au)**



## TOURS

FACILITY TOURS ARE AVAILABLE AT SEVERAL SITA LOCATIONS IN SYDNEY. STUDENTS WILL DISCOVER WHAT HAPPENS TO WASTE, RECYCLING AND GARDEN ORGANICS AFTER COLLECTION, AND WHERE IT ENDS UP.

They will find out how everyone can make the planet more sustainable by taking simple steps to recover resources and carefully dispose of residual materials in the most responsible way.

**Kemps Creek SAWT Advanced Resource Recovery Technology Facility, Landfill and Education Centre.** The future of resource recovery is here! Tours include a guided walk through the inside of the SAWT facility, a look at a working engineered landfill, and some hands-on activities in our Education Centre.

**Chullora Materials Recycling Facility (MRF), Education Centre and Resource Recovery Park.** About 1/3 of Sydney's recycling is processed and sorted at the Chullora MRF! Tours include a presentation and Q&A session in the Education Centre, a look through the viewing windows at recycling machinery, and a tour of the site including waste and garden organics handling areas.

**Eastern Creek Landfill and Resource Recovery Park.** See what happens to waste and garden organics on a large scale – over half a million tonnes of waste arrives here every year! Tours include an up-close look at landfill machinery and processes, as well as a trip through an industrial scale composting operation.

**Lucas Heights Landfill and Resource Recovery Park.** Lucas Heights is one of the biggest landfills in the southern hemisphere – but the site also has room for a windrow composting operation, a renewable electricity plant, and even a native seedling nursery!



SITA is committed to the safety of all visitors to our sites. Group sizes for site tours are restricted to 30 to ensure maximum participation by students and to comply with our Occupational Health and Safety policies.

