



GERALDTON  
GRAMMAR SCHOOL

## 2021 Sustainability Achievement Report



### Water Management

Geraldton Grammar School became a Waterwise School in 2021. Water Corporation attended Secondary and Primary Assemblies to present the Waterwise Schools Certificate and Plaque, that is now installed at the front entrance of the School.

The School installed three groundwater meters on the bore take off points, to monitor and manage our groundwater systems.

We commenced monthly testing of TDS and pH to monitor groundwater quality and report our usage to the Department of Water and Environmental Regulation.

Installed additional scheme water shut off valves, to assist with leak identification and maintenance.

The Water Corporation installed an electronic pulse water meter to the main meter, to enable the school to regularly monitor water usage and identify potential water leaks.

We commenced reporting and graphing of scheme and groundwater water usage and costs, for comparative and benchmarking purposes

Grammar students participated in the Water Corporation's WA Schools Think Tank Challenge on the 10 May.

The Gardening Staff undertook a mulching program throughout the entire school, to reduce water evaporation to the plants and provide additional nutrients.

We continued to install sub surface irrigation in new garden beds and turfed areas e.g. new Primary playground.

The School continue to source and plant water wise plant species, in new and refurbished garden beds.



### Energy Management

The School upgraded ground, building and classroom lighting with LED lighting to reduce power costs.

Investigated the costs to install a Solar Panel array at the School – potentially on the Hall or on the new Gymnasium

We commenced reporting and graphing of energy usage and costs, for comparative and benchmarking purposes.

The School continued to purchase energy efficient appliances, IT equipment etc.

New air-conditioning installed, was treated with an anti-corrosion treatment (Blygold), which extends the life of the unit and in the long term reduces energy consumption.

The new air-conditioning units are now installed with hardwired controllers that are programmed to turn off after two hours.

## Waste Management

Introduced new cardboard recycling facilities at the School.

Implemented Containers for Change and Cleanaway for Plastics Recycling

Made changes to the waste removal collections, to increase efficiency.

Monitored and maintained the recycling bins throughout the school.

Conducted a waste audit in Primary and Secondary.

Registered the School for Containers for Change and publicised our code on the school's website.

Hosted a Professional Learning Workshop for local school staff, presented by Waste Wise Schools and Keep Australia Beautiful Council (WA) on 11 August.

Students participated in a litter workshop, as part of the Clean Schools Program, presented by Keep Australia Beautiful Council (WA) on 12 August.

The Primary school held their annual School Clean Up Day on 10 September.

Year 6 Sustainability team continued Waste Wise messages at Primary assemblies throughout the year.

The School Canteen has substituted plastic containers, cups and straws with paper, cardboard and biodegradable products.

The Cleaning staff have replaced and upgraded some of their janitorial and cleaning products, in an effort to reduce waste.

## Travel Management

The School provided a submission to the City of Greater Geraldton's Integrated Transport Strategy, to make improvements to Phelps Street and George Road, to assist students and staff, who actively travel to the School.

The School staff have participated in webinar and video links, to reduce vehicle and air travel.

## Sustainability Promotion

The School Launched its Environment Sustainability Policy on the 24 June.

The 2021 Arts Day held on the 24 June, was themed Environmental Sustainability. Arts Day included four Phil Doncon Paint Storm Shows, a sustainability-inspired cake decoration competition and photography competition.

Environmental Sustainability Artwork from the Arts Day Paint Storm shows were installed throughout the campus.

School Staff participated in the Mid West Sustainable Schools Network, and hosted the network meeting in Term 2.

Six Environmental Sustainability Committee meetings were held in 2021, with Staff, Students and Parent participation.