

SWAN CANNING CATCHMENT RESOURCES FOR LOAN

The resources below are available for short-term loan free of charge to schools and community educators courtesy of the Swan Canning Ribbons of Blue program. As they are often in high demand, it is best to book well in advance. Resources will need to be collected from Swan River Trust offices in East Perth unless otherwise arranged.

CATCHMENT MODEL

This three-dimensional, hands-on, interactive model of the Swan Canning Catchment provides students with the opportunity to learn about land uses, the pollutants commonly derived from these and how they affect our waterways. The model includes accessories, story, pollutant solutions, instructions and supporting information and resources. It can be adapted to suit any age group.



STORMWATER GAME

Students learn about stormwater and pollution of waterways via the game pieces in this life-size board game. Game pieces include good and bad actions (sending you forward and backward), question cards and safe spaces. The game comes complete with game pieces, giant dice, question cards, instructions and supporting information and resources. It can be adapted to suit any age group.



A FROG'S LIFE BOARD GAME

An adventurous board game raising awareness of some of the threats frogs face from the time as an egg to an adult frog. The game comes with instructions.

Suitable for Year 3 upwards.

(An initiative of Waterwatch Central Adelaide, South Australia)



WATER QUALITY MONITORING EQUIPMENT

Equipment available for water quality monitoring including:

- thermometers;
- turbidity tubes;
- low and high electrical conductivity meters;
- pH meters;
- multipurpose meters (pH, EC, TDS, salinity, temp); and
- nitrate and phosphate tests.

Equipment provided with instruction sets and calibrated. Data-recording sheets available.



MACROINVERTEBRATE SAMPLING EQUIPMENT

All the equipment you need to undertake macroinvertebrate sampling is available, including:

- nets;
- waders;
- sorting trays;
- identification keys; and
- datasheets.

Equipment provided with instructions.



A BUG'S LIFE CARD GAMES

A series of card games to compliment macroinvertebrate and ecosystem studies. The card games are based on familiarisation with macroinvertebrates including size, species, feeding strategies, sensitivity to pollution, interesting facts and life cycles. The cards can be used in many ways, and come with game instructions as well as other activities and lesson ideas.

A Bug's Life - Junior Bugs (for years K-3)

A Bug's Life - Bug Trumps (for year 4 upwards)

A Bug's Life - Life Cycle (can be adapted for any age group)

(An initiative of Waterwatch Central Adelaide, South Australia)



SUNSET OVER THE CATCHMENT

Sunset over the Catchment is an innovative natural resource management board game designed by students at Beachlands Primary School, Geraldton. The focus is on sustainable use and protection of water resources.

It is suitable for upper primary and secondary students.



RIBBONS OF BLUE: IN AND OUT OF THE CLASSROOM K-7 TEACHER RESOURCE KIT

The kit includes a guide on how to plan a Ribbons of Blue program, information on your catchment, plus lesson plans, background notes, activity ideas, worksheets, and assessment tasks on:

- catchments;
- history;
- land uses;
- climate, landforms and soil;
- water quality monitoring;
- habitats, fauna and macroinvertebrates;
- stormwater;
- groundwater; and
- salinity.

Lessons are fully linked to the Curriculum Framework and contain detailed preparation notes and step by step procedures.

Available on CD and as a hard-copy file.

RIVER GUARDIANS



River Guardians is a membership-based program hosted by the Swan River Trust.

Learn about our rivers, the issues they face and how you and your students can help keep the rivers healthy.

Experience the history, culture and science of the rivers through free events and presentations from experts in the field and the indigenous community.

Participate in river conservation through plantings days and other volunteer opportunities.

Membership is free, join today and enjoy the benefits of being a River Guardians school.

www.riverguardians.com.au

The Ribbons of Blue coordinator is available to deliver incursions and excursions for water quality monitoring and macroinvertebrate sampling at your local waterbody.

For further information or to book resources, please contact Angela Hein, Swan Canning Catchment Ribbons of Blue officer on 9278 0913, email angela.hein@dec.wa.gov.au or visit www.ribbonsofblue.com.au.