



**Reverse
Garbage**
queensland co-op ltd



Workshops Catalogue

Sustainability programs design
to inspire, educate and empower
young minds around the creative
reuse of clean industrial discards

2020

Welcome to RG&Q Workshops!

Reverse Garbage Queensland run workshops to inspire, educate and empower. Our mission is to get people diverting items from landfill creatively. We want them to have fun, exercise their creativity and learn to make the things they need from the stuff that is available around them.

We run professional development workshops for educators wanting to incorporate sustainability and re-use into their curriculum.

The creative application of salvaged materials also encourages participants to think outside of the square by challenging them to re-use, repurpose and transform ordinary objects destined for landfill.

OUR FACILITATORS

All workshop facilitators have experience working with children in different art forms. They are trained in alternative construction methods, safety and tools handling as well as classroom management. All facilitators have blue cards to work with children.

OUR FACILITIES

Reverse Garbage Queensland conducts eco-art workshops at our warehouse in Woolloongabba, in schools, OSHC and childcare centres, libraries, shopping centres, festivals and events.



Photo courtesy of Brookside Shopping Centre (2019)

Looking for...
workshops for OSHC, School
Holidays, Adult, Professional
Development, Festivals and Events?

Head to our website:

www.reversegarbageqld.com.au/sustainability-education

2020

Our workshop program

Our workshop program caters for Early Years Learning up to Year 12. We cover a range of themes that fit into the QCAA and Australian curriculum areas of Sciences, Technologies, Mathematics, the Arts, English and HASS.

Structured workshops have a set start and finish time with the duration being between 1 to 2 hours, depending on the age and selected theme.

The structured approach allows for deeper understanding of creative re-use and our facilitator(s) are able to spend more time giving individual attention to each participant.

Included is an informative talk about Reverse Garbage Queensland, the 3 “Rs” (reduce, re-use, recycle), an introduction to the theme, materials and techniques as well as necessary health and safety precautions.

Incursion - We come to you!

- We come to you - it's more convenient, no need to organise transport
- Facilitator(s) bring all tools and materials
- Maximum of 30 participants for schools, per facilitator

Excursion - You come to us!

- A visit to the warehouse in Woolloongabba is part of the experience
- Participants have access to a wider range of materials and have the opportunity to explore the warehouse and gift shop as well as see more ideas and items constructed with repurposed materials in the workshop room
- Maximum 26 participants per workshop
- Duration and theme can be adjusted to suit your requirement



Photo courtesy of RGQ - Woodford Folk Festival (2019)

2020

Workshop Themes

Our workshop program caters for Early Years Learning up to Year 12. We cover a range of themes that fit into the QCAA and Australian curriculum areas of Sciences, Technologies, Mathematics, the Arts, English and HASS.

Are you after a quote?

Our workshops are calculated based on:

*number of participants
materials required (based on theme)
travel (to and from site)*

Early Years Learning

Pages 4

- Bugs and Creepy Crawlies
- Loose Parts Play
- Print & Collage
- Properties of Materials

Prep to Year 3

Pages 5 to 8

- Moving Toys
- Print and Collage
- Construction and Design - Musical Instruments
- Robots and Space Explorers
- Treasure and Tool Boxes
- Mini Beasts, Creepy Crawlies, and Creatures from Creek to Coast
- Creatures and Characters from Literature
- Properties of Materials
- Dioramas, Life Cycles & Solar Systems

Year 4 to Year 6

Pages 9 and 10

- Re-machination
- Properties of Materials
- Wearable Art for Kids
- Out of this World Space Explorers
- 3D Creatures
- Bag Making

Year 7 to Year 10

Pages 11 and 12

- Textile Production - Bag Making
- Sculptural Assemblage
- Musical Instruments
- Upcycled Fibres
- Toddler Toys

Year 11 & Year 12

Pages 13 to 15

- Textile Crafts I - Stitch and Collage
- Textile Crafts II - Weaving
- Wearable Art - Accessories
- Fashion Crafts - Salvaged Jewellery
- Sculptural Assemblage

*To get the quote most accurate for your needs, fill in our on-line **Request Form** at <http://www.reversegarbageqld.com.au/sustainability-education/request-form>*

Early Years Learning

Aimed at children aged from 3 years to pre-Prep, our Early Years Learning program combines hands on fun with interesting art activities focussed on using clean, non-toxic offcuts and discards to create art.

Our EYL program is designed to give children the opportunity to explore the properties and functions of materials and to experiment with their manipulation.

Bugs & Creepy Crawlies

Children of all ages are fascinated by nature. Students can create invertebrates, arthropods or crustaceans while learning about their critter's form and segments. This is a great opportunity for younger children to practice their cutting and stapling skills plus explore the properties of our salvaged materials to select the best materials to replicate key parts of a creature's anatomy such as legs, wings or eyes.

Educators who chose this workshop made:

- Insects and bugs

Loose Parts Play

Child-led exploration and learning is an important focus of educational frameworks. Our Loose parts play workshops encourage children to move, stack and manipulate to help build their basic invention, divergent thinking and problem solving skills.

We select materials for properties such as texture, receptiveness, transparency, shape and things that children can sort and build with. Our loose parts are perfect for kindy children and have been introduced especially to help early childhood educators implement aspects of the Early Years Learning Framework (EYLF).

Print & Collage

This workshop is ideal for children to explore colour, shape, pattern, texture plus experiment with different materials and construction techniques. Whether your students are required to create a dimensional visual artwork of a descriptive illustration, a textile collage or an animal habitat, we can tailor our facilitation to meet your groups' needs.

Educators who chose this workshop made:

- Stamps
- Animal habitats

Properties of Materials

Is it hard, soft, flexible, rigid or waterproof? We will guide children through the process of exploring the properties of our salvaged materials, by creating a wind ornament or hanging mobile as the starting point for their scientific inquiry. This informed decision making process will also assist children in deciding what tools to select when manipulating their chosen materials.

Educators who chose this workshop made:

- Outdoor wind ornament
- Mobiles

Applicability to the Early Years Learning Framework

- **Outcome 2:** Children are connected to the world
- **Outcome 2:** Children are connected to the world
- **Outcome 4:** Children are confident and involved learners
- **Outcome 5:** Children are effective communicators
- **Outcome 5:** Children are effective communicators
- **Outcome 2:** Children are connected to the world
- **Outcome 4:** Children are confident and involved learners

Prep to Year 3

Our Prep to Year 3 program builds on skills acquired in the early stages of schooling. Students develop confidence in the manipulation of materials and extend their knowledge of material properties, with a particular emphasis on creating 3D sculptural forms.

Moving Toys

From design to construction, children will have the opportunity to explore the ways that objects can move on land, through water or in the air. We provide appropriate materials and demonstrate some examples to support students in their making. Experiment with force, friction & torques to affect their toys' ability to move.

Educators who chose this workshop made:

- Push & pull toys
- Boats
- Puppets
- Kites
- Planes, trains & automobiles

Print & Collage

This workshop is ideal for children to explore colour, shape, pattern, texture plus experiment with different materials and construction techniques. Whether your students are required to create a dimensional visual artwork of a descriptive illustration, a textile collage or an animal habitat, we can tailor our facilitation to meet your groups' needs.

Educators who chose this workshop made:

- Stamps
- Animal habitats

Construction & Design

Musical Instruments

This is a very tactile and sensory experience for children, as well as a great introduction to 3D design and construction. Students can explore the different ways to produce sounds by manipulating and using a combination of our salvaged materials. With simple assemblage techniques, we'll help students explore how to produce pitch and rhythm patterns from their handmade instruments.

Educators who chose this workshop made:

- String instruments
- Percussion instruments

“Our Year One teachers were very happy with the Musical Instruments workshops and in particular how closely it fits with our science unit this term. We’ll be re-booking for next year.”

**Sue Boyce, Teacher
Indooroopilly State School
(Nov 2018)**

Applicability to the QCAA & Australian Curriculum

- **Prep (AC)** - Physical Sciences
- **Year 1 & 2 (AC)** - Science & English
- **Year 3 (QCAA)** - Technology
- **Prep to Year 2 (QCAA)** - Visual Arts

- **Prep to Year 2 (QCAA)** - Music
- **Prep to Year 3 (QCAA)** - Technology

2020

Prep to Year 3

Students are encouraged to plan and design, select appropriate materials, then construct and decorate their artwork. Workshops are designed to enable critical thinking, problem solving and experimentation.

Treasure & Tool Boxes

Children will create their very own box, which they can use for tools, treasure or lunches.

We will provide an array of materials, which students can experiment with in order to test a material's suitability to perform a specific task, for example, rigidity and stability for a box to sit on a desk, or shock absorbency to cushion an electrical device. Students will also have the opportunity to construct their own hinges, latches or springs using non-traditional materials.

This is a great opportunity for young children to become familiar

with creating 3D objects from an illustrated concept, while drawing on their 2D collage skills.

Educators who chose this workshop made:

- Hand bags, backpacks and explorer bags
- Tool boxes
- Sleeves & cases for devices
- Lunch boxes

Creatures & Characters

... from literature

Students have the opportunity to select an array of our salvaged materials to create a figure from their favourite literary text, the animal kingdom or straight from their imagination. This enriching workshop engages children by using alternative construction methods, employing a variety of unconventional materials to create their own 3D creature. We can work with a traditional theme like Santa & Friends, Mad Hatters Tea Party, Australian Native Animals, Jungle Safari, Book Week, otherwise we can customise a theme to your classroom.

Educators who chose this workshop made:

- Santa, elves and other Christmas characters
- Mad Hatters Tea Party characters
- Monsters, dragons and magical beasts
- Jungle animals
- Native animals

Applicability to the QCAA & Australian Curriculums

- Prep to Year 3 (QCAA) - Technologies

- Prep to Year 2 (AC) - Visual Arts

2020

Prep to Year 3

Properties of Materials

Is it hard, soft, flexible, rigid or waterproof? We will guide children through the process of exploring the properties of our salvaged materials, by creating a wind ornament or hanging mobile as the starting point for their scientific inquiry. This informed decision making process will also assist children in deciding what tools to select when manipulating their chosen materials.

Educators who chose this workshop made:

- Outdoor wind ornament
- Mobiles

Robots & Explorers

Our Robots and Space Explorers workshops is more than just out-of-the-box thinking. We'll help turn 2D concepts into 3D mini prototypes of your students' most out-of-this-world ideas!

Children will learn about the properties of our warehouse materials, both natural and processed. They will learn about what we collect, why we collect it and why certain materials are classified as non-recyclable but salvageable.

We'll explore the shapes and properties of our salvaged objects to see how the combination of

different materials can result in a mechanical process, for example, transforming bottle tops into wheels for a moon buggy, or using shiny materials to line a satellite dish for mirrored surfaces that bounce light and vision.

Educators who chose this workshop made:

- Robots & Aliens / Spaceships & rockets
- Moon buggies & Telescopes

Dioramas...

... Life Cycles & Solar Systems

This workshops can be used to explore the daily and seasonal changes in our environments to illustrate how they affect every day life. For example, by making a diorama of the water cycle or the four seasons. Students are asked to provide their own shoe box, and we will supply all other materials and tools.

Educators who chose this workshop made:

- Dioramas
- Curriculum Area

Applicability to the QCAA & Australian Curriculum

- **Prep (AC)** - Chemical & Physical Sciences
- **Prep (AC)** - Chemical & Physical Sciences
- **Year 1 (QCAA)** - Technologies
- **Year 3 (AC)** - Earth & Space Sciences
- **Year 3 (AC)** - Visual Arts

- **Prep to Year 1 (AC)** - Earth & Space Sciences
- **Prep to Year 3 (QCAA)** - SOSE
- **Year 2 (AC)** - Biological Sciences

2020

Prep to Year 3

Mini Beasts...

... Creepy Crawlies and the Creatures from Creek to Coast

Children of all ages are fascinated by nature. Students can create invertebrates, arthropods or crustaceans while learning about their critter's form and segments. This a great opportunity for younger children to practice their cutting and stapling skills; and older students to explore the properties of our salvaged materials to select the best materials to replicated key parts of a creature's anatomy such as legs, wings or eyes.

Educators who chose this workshop made:

- Mini beasts & insects
- Sea creatures
- Wetlands creatures

Applicability to the QCAA & Australian Curriculums

- **Year 1 (AC)** - Biological Sciences
- **Year 2 (QCAA)** - Technology

"I thoroughly loved the Boat Making incursion. All of admin got down there to see the creativity flowing. The kids were so engaged and quiet - it was really lovely! Our teachers also said they'd book another one in a heart beat."

Cindy Thomas, Head of Curriculum, Serviceton South State School (Nov 2018)



School workshops at RGQ Warehouse (2018)

2020

Year 4 to Year 6

In order to ensure direct applicability to the curriculum, Students are encouraged to plan and design, select appropriate materials, then construct and decorate their artwork.

Workshops are designed to enable critical thinking, problem solving and experimentation through the creative reuse of our clean industrial discards.

Re-machination

Students will design and construct their own 're-machination' - a sculptural art work created from our salvaged materials. Students can use their re-machinations to explore the features and design of functional objects; comparing objects that are familiar and used in everyday life to objects in the new world within the book. Students will consider their creation's unique features and functions as well as Visual Arts elements (e.g. line, shape, texture & colour) and concepts (e.g. space, balance, contrast & pattern).

Educators who chose this workshop made:

- Totems
- Sculptural pieces

Properties of Materials

We will guide children through the process of exploring the properties of our salvaged materials, using the creation of a wind ornament or hanging mobile as the starting point for their scientific inquiry. We have a wide range of natural and processed materials, which students can experiment with based on their properties. This informed decision making process will also assist children in deciding what tools to select when manipulating their chosen materials.

Educators who chose this workshop made:

- Wind ornaments and mobiles

Wearable Art for Kids

Students can utilise various techniques of stapling, gluing, threading and even simple sewing to realise their wearable art piece. Skirts, hats, belts, goggles and masks are just a few ideas in this theme. These workshops draw on the rich symbolism associated with wearable art throughout history and cultures, such as identity, the subconscious, ceremony and celebration.

Educators who chose this workshop made:

- Creative costumes
- Headpieces
- Masks

Applicability to the QCAA & Australian Curriculum

- **Years 4 to 5 (QCAA)** - Visual Arts

- **Year 4 (AC)** - Visual Arts
- **Year 4 (AC)** - Chemical Sciences

- **Year 4 (AC)** - Visual Arts

2020

Year 4 to Year 6

Out of this World

Space Explorers

Students can choose to construct a space related sculpture, such as a robot, space probe, or other robotic spacecraft to explore the limits of their imagination (and our solar system). This workshop encourages the development of fine motor skills and builds confidence in constructing 3D artworks.

Educators who chose this workshop made:

- Solar systems
- Robots & aliens
- Satellites, space explorers & spaceships

3D Creatures

Children of all ages are fascinated by nature. Students can create invertebrates, arthropods or crustaceans while learning about their critter's form and segments. This a great opportunity for younger children to practice their cutting and stapling skills; and older students to explore the properties of our salvaged materials to select the best materials to replicated key parts of a creature's anatomy such as legs, wings or eyes.

Educators who chose this workshop made:

- Anatomically accurate

- arthropods and invertebrates
- Australian native creatures
- Mammals
- Dragons

Bag Making

In this workshop, we will educate students on the properties of some of our regular materials, such as the waterproofness of vinyl, or the malleability of canvas. They will then have the opportunity to design and develop their own satchel or shoulder bag before we guide them through a sequence of principles and steps to be able to hand sew their own bag.

Educators who chose this workshop made:

- Functional backpacks and satchels
- Handbags, wallets and purses
- Sleeves for devices

Applicability to the QCAA & Australian Curriculums

- **Year 4 (AC)** - Visual Arts
- **Year 4 (AC)** - Chemical Sciences
- **Year 5 (AC)** - Earth & Space Sciences
- **Year 5 (AC)** - Biological Sciences

- **Year 5 (QCAA)** - Technology

2020

Year 7 to Year 10

Students will gain knowledge of construction techniques and confidence in the use of hot glue, hand sewing and the constructive manipulation of a variety of materials using tools specific to the workshop.

Students have the opportunity be hands on with tools such as such as leather hole punches, jewellery pliers, power drills and leather shears.

Textile Production

Bag Making

In this workshop, we will educate students on the properties of some of our regular materials, such as the waterproofness of vinyl, or the malleability of canvas. They will then have the opportunity to design and develop their own satchel or shoulder bag before we guide them through a sequence of principles and steps to be able to confidently hand sew their own bag.

Educators who chose this workshop made:

- Functional backpacks and satchels
- Handbags, wallets and purses
- Sleeves for devices

Sculptural Assemblage

This workshop is a fantastic introduction to the use of salvaged materials to create 3D objects and sculptures. Students will be encouraged to select and utilise materials that embody and convey similar qualities to their chosen subject matter, for example, sea as a stimulus. Emphasis will be placed on dynamic pose, whether depicting action, prompting a narrative or displaying characteristics particular to their chose subject matter.

Educators who chose this workshop made:

- Creature or human form
- Exploratory purposes to prompt discussion regarding waste within society

Applicability to the QCAA & Australian Curriculums

- **Year 6 to 7 (QCAA)** - Technology
- **Year 9 (QCAA)** - Technology
- **Year 9 and 10 (AC)** - Visual Arts

- **Year 6 to 7 (QCAA)** - Technology
- **Year 9 (QCAA)** - Technology
- **Year 9 and 10 (AC)** - Visual Arts

2020

Year 7 to Year 10

Students are required to examine and investigate a wide range of materials used in industrial and light manufacturing to identify suitable qualities to achieve specific outcomes.

Students will be shown different processes that will enable them to best utilise and manipulate offcuts and discards to create sustainable art, craft and designed objects.

Musical Instruments

This is a very tactile and sensory experience for students, as well as a great introduction to 3D design and construction. Students can explore the different ways to produce sounds by manipulating and using a combination of our salvaged materials. With simple assemblage techniques, we'll help students explore how to produce pitch and rhythm patterns from their handmade instruments.

Educators who chose this workshop made:

- Percussion and string instruments

Upcycled Fibres

Upcycled fibres is about revamping pre-existing clothing and textiles into new items. In this workshop, students can explore the properties of our materials, both natural and processed, and make informed decisions on their textile choices, construction methods, desired aesthetic and meaning behind their piece. We'll guide students through simple sewing, knotting or weaving techniques in order to start the base for a final fashion or macrame piece.

Educators who chose this workshop made:

- Tote bags
- Textile jewellery
- Macrame hangers, wall hanging and weaving

Toddler Toys

In this workshop, we will educate students on the properties of some of our regular materials and their suitability for toddlers. They will have the opportunity to design and develop a prototype toy before we guide them through the principles of assemblage.

Educators who chose this workshop made:

- Moving vehicles
- Puppets
- Protected Pinball machines and other board games

Applicability to the QCAA & Australian Curriculum

- Year 7 (QCAA) - Technology
- Year 8 (QCAA) - Technology
- Year 7 to Year 8 (QCAA) - Visual Arts

2020

Year 11 and Year 12

Our Year 11 and 12 program focus on addressing Essential Learnings in Visual Art. Workshop experiences will increase students' knowledge of sustainable design by exploring waste minimisation and the manipulation of discarded materials to create art and useful objects.

Textile Crafts I

Stitch and Collage

Students will make a functional item like a pencil case, phone case or journal cover to use as the basis for textile collage. This tactile workshop utilises some of our most interesting and unique materials. Our facilitator will demonstrate techniques of hand sewing plus the layering of materials to utilise colour, texture and design to create a finished piece. Students will be encouraged to use evidence of construction and embrace a handmade aesthetic.

Educators who chose this workshop made:

- Cases & sleeves for iPad/laptop/phone

Textile Crafts II

Weaving

In this workshop we will introduce students to simple weaving techniques. If your classroom objective is to make wall hangings, we'll also show students how to create their own loom from our salvaged materials. Students are encouraged to push the boundaries of Textile Craft, experimenting with both natural and manufactured materials, both conventional and non-conventional, to create their woven craftwork.

Educators who chose this workshop made:

- Woven coil bowls
- Woven wall hanging

Applicability to the QCAA Curriculum

- **Year 11 and 12 Visual Arts in Practice (QCAA)**

2D [refer 3.4.1. Syllabus] and Craft [refer 3.4.5 Syllabus ... Textile crafts]

- **Year 11 and 12 Visual Arts in Practice (QCAA)**

2D [refer 2.24.1. Syllabus] and Craft [refer 2.2.5 Syllabus ... Textile Crafts]

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Year 11 and Year 12

Wearable Art

Accessories

This workshop focuses on revamping pre-existing clothing into new items. Students are required to bring along a cotton top they would like to refashion into a unique fashion piece. Techniques covered include using macrame knotting to create embellishment and using salvaged materials such as lace and zips to accentuate a neckline.

Educators who chose this workshop made:

- Headbands, fascinators & top hats
- Eco embellishments
- Masquerade masks
- Decorative headwear

Fashion Crafts

Salvaged Jewellery

In this workshop students are encouraged to look to nature for inspiration and use their observations as a starting point for creating their artwork. We will show students how to find beauty in the discarded and develop ways to revalue common objects and raw materials to adorn the body in traditional and non-traditional ways. By guiding students through the basic techniques of jewellery making, students will learn how to make a pair of earrings, necklace

or bracelet from our salvaged materials.

Educators who chose this workshop made:

- Eco embellishments
- Steampunk jewellery
- Statement jewellery

Applicability to the QCAA Curriculum

• Year 11 and 12 Visual Arts in Practice (QCAA)

2D [refer 2.2.1. Syllabus ... Collage] and Craft [refer 2.2.5 Syllabus ... Fashion Crafts] and 3D [refer 2.2.2. Syllabus Wearable Art]

• Year 11 and 12 Visual Arts in Practice (QCAA)

2D [refer 2.2.1. Syllabus ... Collage] and Craft [refer 2.2.1. Syllabus] and Craft [refer 2.24.5 Syllabus ... Fashion crafts]

Year 11 and Year 12

Sculptural Assemblage

This workshop is a fantastic introduction to the use of salvaged materials to create 3D objects and sculptures. Students will be encouraged to select and utilise materials that embody and convey similar qualities to their chosen subject matter, for example, sea as a stimulus. Emphasis will be placed on dynamic pose, whether depicting action, prompting a narrative or displaying characteristics particular to their chosen subject matter.

Educators who chose this workshop made:

- Creature or human form
- Exploratory purposes to prompt discussion regarding waste within society

Applicability to the QCAA Curriculum

- Year 11 and 12 Visual Arts in Practice (QCAA)

3D [refer 2.2.2. QCAA Syllabus ... Assemblage, Sculpture]



Ipswich Flexible Learning internal workshop at RGQ Warehouse (2018)

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