

WEST RYDE LIBRARY

STEAM Programs

(Science, Technology, Engineering, Arts and Mathematics)



 City of Ryde



Lifestyle and opportunity @ your doorstep



Ryde Library Service has recognised the important role public libraries play in engaging young minds with access to technology and learning opportunities to enhance individual creativity.

This has resulted in the STEAM program and resources available for 3 - 12 year old children at West Ryde Library.

STEAM links directly into NSW school educational programs developed to prepare students for study in the fields of Science, Technology, Engineering, Arts and Mathematics. The programs are designed to foster inquiring minds, logical reasoning, creativity and collaboration skills.





Services and Programs

STEAM innovative elements

- ▶ Curiosity Cabinet with drawers and light boxes houses a changing installation of natural history and technology themed objects
- ▶ Integrated iPads with ten educational apps including Beebots and Mathletics
- ▶ Steampunk wall mural which incorporates large touchscreens
- ▶ Interactive science and maths themed software
- ▶ Lending collection of STEAM kits suitable for the 6 - 12 year old age groups
- ▶ Coding workshops for children ie. ScratchJr
- ▶ Museum style digital microscopes with wall mounted large screen displays allowing group use and discussion
- ▶ Ongoing programs with STEAM focus e.g. Film making workshops and Little Bang Discovery Club.



Installations and Fixtures

Curiosity cabinet: Custom made by Odessy interiors, Sydney

Electricals: MSB Electricals

Mural: Artist David Challinor, Sunset Creative Central Coast

Digital Microscopes: Microeye New Zealand

Ipads: JB HiFi

Ipad Locks: iLocks

Touch Screens: NEC with GCompris educational software with access to 130 programs

Dodos: Cult Design Sydney

Collectibles suppliers: Moderns Teaching Aids, Educational Experience

Science Kits suppliers: Moderns Teaching Aids, Educational Experience

Giant chess set: Yard Games Queensland

Novelty Mirrors: Alibaba.com
<http://au.alibaba.com/products/distorted-mirrors.html>

West Ryde Library

2 Graf Avenue, West Ryde NSW 2114

Tel: (02) 9952 8376, TTY: 9807 2622

Opening hours

Monday, Wednesday and Friday: 10.00am – 5.00pm

Tuesday and Thursday: 10.00am – 8.00pm

Saturday: 9.30am – 5.00pm

Sunday: 12 noon – 4.00pm