



SCIENCE *in the park*

DISCOVERING SCION

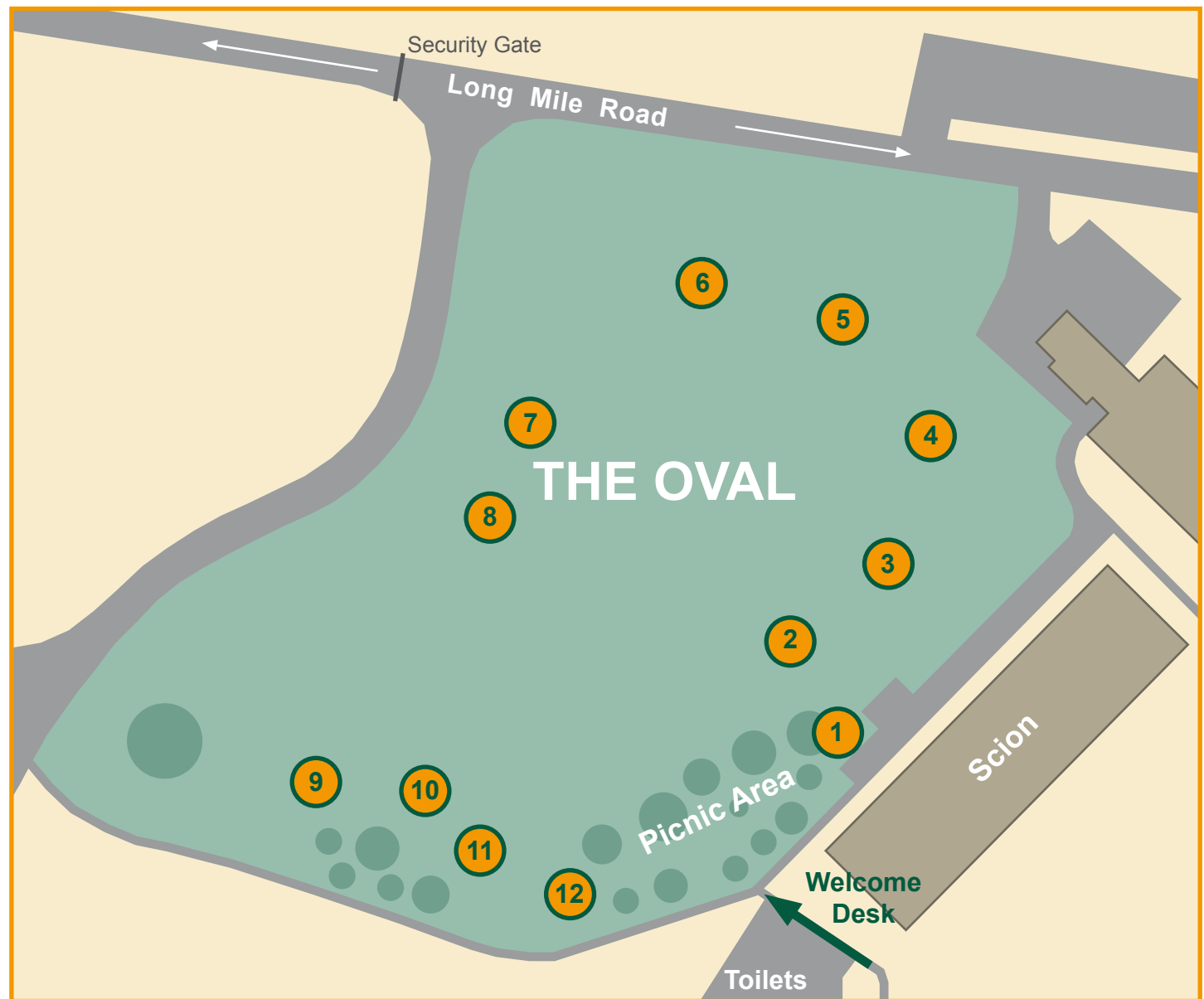
WHAT'S HAPPENING AT THE MCQUIRE OVAL?

- 1 Herbarium**
 - Tree orienteering
 - Guess the pinecone
 - Have your plant identified
- 2 Future Forests**
 - See a strawberry's DNA
 - Tissue culture
 - The journey from lab to field
- 3 Forest Protection**
 - Weevil attack
 - Make a bug & bug identification
 - Kauri dieback
 - Fighting forest fires
- 4 Environmental Vitality**
 - Gorse in the park
 - Biological farming
- 5 Take a Tour**
 - Carbon Tour
 - Wonders of Wood Tour
 - International Year of Forests
- 6 Wood Technology**
 - The wood room
 - Shrink and swell
 - Wooden bike
- 7 Green Chemicals**
 - How do pinecones burn in colour?
 - Plastics from plants
 - Identify the plastic
 - Count and measure
 - Waste 2 Gold
- 8 Rockets and Ice Cream**
 - What do they have in common?
 - Banana hammers and more
- 9 Ask me, I'm a**
 - Opportunities at Scion

- 10 Book Shop**
 - Scion books for sale
- 11 Photography competition**
 - Entries on display
- 12 Model Hauler**
 - From Waiariki Institute of Technology

Also on at the McQuire Oval

- Gough, Gough & Hamer forestry skidder
- Te Amorangi Trust Museum steam traction engine
- Wood carving and flax weaving demonstration
- Rotorua Axemen (10 am - 2 pm)
- MediaWorks Radio (11 am - 1 pm)
- Singing scientists
- Ping the pest game
- St John Ambulance & Cancer Society Sun Cart
- Picnic area and food & water stations



The Carbon Tour

It's International Year of Forests so it's time to celebrate all the benefits that forests bring. Learn how forests can help to combat climate change and how trees could be the oil wells of the future. Find out why forests are our friends and why planting a tree is one of the best things you can do for the planet.

- Meeting point: Site Map No. 7
- Duration 20 minutes
- 30 people maximum per tour
- Tours leave every half hour starting at 9:30 am
Last tour of the day at 2:30 pm

Wonders of Wood Tour

Join us to explore the wonders of wood – an amazing renewable resource that surrounds us in our everyday lives. It's used for everything from building our homes to wiping our noses. In future we may even run our cars on it. Learn about how Scion is developing new and exciting ways of using wood to supply all our needs while helping the environment.

- Meeting point: Site Map No. 7
- Duration 35 minutes
- 25 people maximum per tour
- Closed footwear is required
- Tours leave every hour starting at 10 am
Last tour of the day at 2 pm

Please register at the Tours Desk (Site Map No. 7) to secure your free tour ticket.

Student Photography Competition

Entries are on show at Site Map No. 11. Winners will be announced at 12.30 pm

Health and Safety

- Some of the demonstrations involve heat and chemicals. Please follow the instructions of staff members at all times.
- Covered footwear must be worn on the Wonders of Wood Tour.
- Do not enter "Out of Bounds" areas marked by tape and cones.
- No smoking and no animals.
- Should the fire alarm sound, please follow a Scion staff member to the nearest assembly point.
- Lost children - See the staff at the Welcome Desk.

www.scionresearch.com/science-in-the-park



Welcome to Science in the Park 2011

Scion's research, science and technology play a big part in improving New Zealand's economy, environment and way of life. We're proud of our science and keen to show it to you today. The day's programme includes more than 30 hands-on activities, displays, demonstrations and tours. Wander around all the stands, chat to our scientists and excite your mind.

Science Trail

Younger visitors will receive a Science Trail Booklet at the Welcome Desk. The booklet is designed to guide children around the stands and complete various activities. When all eight activities are completed they can enter the draw to win one of 20 great prizes.

Tours

Two tours are running throughout the day. See overleaf for details.