

Kushed Bulletin

Issued by: Ku-ring-gai Community Workshop 'The Shed' Inc. Date: 1 February 2018



Woodwork Training: Introduction to basics

Past President, Kevin Callinan, will be conducting some basic training for members on a selection of power tools on Thursday, 22nd February and Monday 26th February, commencing at 10:00 am, spanning lunch time and finishing up around 2:30 pm.

The training will cover tools such as the table saw, drop saw, drill press and sanding equipment. The training will suit new members or those who have been working under supervision and is planned to provide for accreditation.

Please register at the Shed or send an e-mail to kushed@bigpond.com

The training does not incur a charge other than the regular daily attendance fee.

Alternative training is also available with Tony Varrall on Tuesdays. Preferably arranged ahead of the day.

All participants should read the Safe Operating Procedure and Accreditation Guide for each machine available at the Shed available on our website at www.kushed.org.au/Accreditation.html



Shed Extension progress

Many of you have seen the 6-inch slab that was poured before Christmas. Since then a number of working bees have been held, under the guidance of Mike Vernon and Mal Bailey, to prepare the drainage, sleeper retaining walls and conduit for power to the extension. All being well, work on the building will start in February.

We have achieved a great leap forward with all the plumbing work being done and some more drainage work. Thanks to all who gave a helping hand.

Once the Council inspection is out of the way, there will be some final trench filling and we can then get the concrete contractor in to do the paths and drains.



Power House museum steam engine

We are arranging a loan of one of the Shed's collection of model steam engines to the Power House Museum. It will be operated by the volunteers in the Museum Discovery Centre in Castle Hill. This centre is the main store for the larger objects of the museum and also houses a large part of the Australian Museum collection. The display centre re-opened in mid-2017. Look on the website opening hours <https://maas.museum/museums-discovery-centre/>

Hetta Mollema has mounted the engine on a base with a dummy boiler. The boiler was part of a surplus display from the old mining museum in the Rocks. That display had a make-believe steam engine driven by an electric motor. We are doing one better by driving the steam engine from a small airbrush compressor.

The airlines have been concealed by making it look as if the steam (air-line) pipe comes from the boiler. The small LEGO person is gender neutral but of aged appearance with steel grey hair to reflect that this is not a good career move for a younger person today. The handle of the shovel is burned, leftover satay stick, to show that the boiler fire is very hot. The heap of coal is made of ... coal fragments of course.



Secrets of the Harbour cruise

On Sunday, 25th March, Hetta Mollema is the guide on this cruise from the Sydney Heritage Fleet. The ship will be either the steam tug Waratah or the steam launch Lady Hopetoun, both dating back to 1902. Hetta has been a guide on these cruises for longer than he wants to remember and did most of the research for the talk.

The cruise will depart from Rozelle Bay and take you to Garden Island and around Cockatoo Island. On the way he will show and talk about the industrial foreshore of the inner harbour with many little-known facts about the harbour we take for granted. How did the Sydney Harbour Bridge affect Cockatoo Island? Where was the first Sydney Harbour Tunnel? Why is the first HMAS Parramatta the longest ship in the world?

The tour starts at the shipyard in Rozelle Bay and is a short distance from the Dulwich light rail stop for the bay. Anyone turning up at 11:00 am will be treated to a tour of the shipyard and the restoration process of ships.

For details and bookings see <https://www.shf.org.au/whats-on/sydney-harbour-secrets-cruise/>. This is a perfect outing for our members and their families. Bring your own lunch, coffee and tea available on board. The stern of both vessels can be screened in case of inclement weather.



Fine Workmanship

There are three classes of woodworkers at the Shed, Cabinet makers, carpenters and bush carpenters. However, one fine craftsman amongst our members is Mario Elizondo.

Recently Mario produced two beautiful Japanese Temple lanterns, one for his Japanese friend who inspired him with the project, and the other one for his own garden.

The construction is based on an ancient and authentic design supplemented with contemporary technology in the form of LED internal lighting.

The structure is of timber and the roof is clad with copper sheeting which is beautifully detailed to include the roof ridge. Well done Mario – back to the bee boxes now.



Memorial Bench for St James Churchyard

President Stephen was a little slow in stepping to the rear when local resident Helen Miller approached the Shed to build a memorial bench to honour her late husband.

She identified that she would rather the “Real McCoy” than a cheap imported article. Subsequently some beautiful Australian Red Mahogany was procured from another local who had recently sold his timber mill and had the timber available.

A set of plans were already in hand together with a cutting list to which the timber was supplied. Despite being timber of the hardest nature, the mortise machine handled the forty joints pretty well and after a mere 40 hours of effort, the final product was recently completed and delivered to St James to Helen’s delight. A brass plaque is on order to be applied to the bench on delivery. Another satisfied customer!



Shed website

The Shed's website at <http://www.kushed.org.au/> is a source of information to our members. The content is kept up to date and is a valuable information source as well as an introduction to prospective members. In the gallery we show photos of events, community projects and members own projects. If you have any photos you want to share then contact the coordinator of the day and they will forward them to Hetta Mollema. Be sure to add a story or description with it and your name.

Backdated Bulletins are also accessible through the Bulletin tab. The Accreditation documents are also available through the website if requested via the coordinator of the day.

Sydney Harbour Bridge project

Hetta has been busy for many years in making demonstration models for the Power House Museum. One of his recent models is to enlighten visitors to the museum on arches. Most of us are familiar with the semi-circular Roman arch and the pointed Gothic arch. In Sydney we have a number of arch bridges of which the Sydney Harbour Bridge and the Gladesville bridge are prime examples. Both are parabolic arches with one having the roadway suspended under the arch and the other compressing the arch from above.

Constructing the Sydney Harbour Bridge required some creative thinking as the harbour waterway could under no condition be obstructed by centring, or scaffolding. The little-known solution was great a number of cables that held up each of the semi arches during construction. You maybe familiar with the iconic photos of the semi arches before they closed up. Recent excavations at Dawes Battery, under the Southern approaches, have unearthed the entrance to the deep, semicircular tunnel through which the cables were threaded.



The model is intended to challenge the visitor to construct the arch using the clips on either side. The sections are held together with small strong magnets. An earlier design used 2 magnets at every interface and this proved to be far to strong, the new design uses only one magnet and a small disk of mild steel. The other improvement was the use of plywood with stronger internal strength rather than MDF. The photos show the building of the bridge model and also show that the Pylons are just decoration and are not needed to hold the structure up.

This and more will be explained during the Secrets of the Harbour tour on Sunday 25th March, see above.

Ku-ring-gai Council Seniors Festival 2018

We have registered for inclusion in Council's Senior's Festival Booklet providing inspection of facilities between 10:30 am and 2:30 pm on Thursday 15th March. (no barbeque - maybe a cup of tea) We don't expect to be overwhelmed with visitors, but all are naturally welcome to attend and assist in providing necessary guidance.

For more details go to: http://www.kmc.nsw.gov.au/Things_to_do/For/Seniors/Seniors_Festival



Support Rotary with the Bobbin Head Cycle Classic

Please consider participating in this event by either riding or as a volunteer as a marshal for 3 hours on Sunday, 25th March 2018. Last years details included:

Last year 2,500 cyclists participated and raised \$200,000 of which 50% was donated to Rotary's Charity Partner, Lifeline. The other 50 % was donated to the five charities supported by the Rotary clubs organising the event. These charities are The Cromehurst Foundation, Eagle RAPS, The Hornsby Women's Shelter, the BO Hospital and KYDS

Over 400 volunteers are involved to ensure the safety of the cyclists

There are 4 ride distances being 27 km, 57 km, 80 km and 104 km. The cost to participate varies with each ride. Please see the website for full details: <http://www.bobbinheadcycleclassic.com.au/content/ride/gjgsjd>

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