

Shapeshifters: 3D Printing the Future

With clothes being printed from desktop computers and organs being manufactured in labs, 3D printing continues to revolutionise design as we know it. *Shapeshifters* centres on these new methods of making by drawing on the high-tech and rapidly evolving industry of 3D printing and fluid extrusion methodology.

Featuring seven Australian and one international artist, the exhibition includes jewellery, furniture, prosthetics and digital interactive sound works.

Shapeshifters is an Australian Design Centre Touring Exhibition, developed in partnership with Western Plains Cultural Centre.

Australian Design Centre is supported by the Visual Arts and Craft Strategy, an initiative of the Australian, State and Territory Governments. Australian Design Centre is assisted by the New South Wales Government through Arts NSW, and the Australian government through the Australia Council, its arts funding and advisory body.

#ShapeShifters3D

Image: Ryan Pennings, *Robot Workingprint*, 2015. Photographer: COTA



Image: Louis Pratt, *King Coal*, 2015, coal and coal dust, resin, fibreglass and steel. Photographer: Boaz Nothman

Cover image: Michael Eden, *A Twisted Oval Wedgwoodn't Tureen*, 2012, nylon with mineral coating. Courtesy of Adrian Sassoon, London

PRESENTING PARTNER

Australian
Design
Centre

WESTERN PLAINS CULTURAL CENTRE

PRINCIPAL PARTNER

Interbrand

GOVERNMENT FUNDING

 Australian Government Visual Arts and Craft Strategy Visions of Australia Contemporary Touring Initiative	 NSW GOVERNMENT Arts NSW
 Australian Government Australia Council for the Arts	 CREATIVE CITY SYDNEY

Gladstone Regional Art Gallery & Museum

FREE ADMISSION | 10am - 5pm, Monday - Saturday
 Cnr Goondoon & Bramston Sts, Gladstone QLD 4680
 (07) 4976 6766 | gragm@gladstone.qld.gov.au
<http://gragm.qld.gov.au>

 GLADSTONE REGIONAL COUNCIL	 GLADSTONE REGIONAL art gallery museum
A community cultural initiative of the Gladstone Regional Council	



Australian
Design
Centre

Shape Shifters

Gladstone Regional Art Gallery & Museum

19 May - 15 July 2017

EXHIBITION LAUNCH

All are welcome to join Cr Matt Burnett, Mayor of Gladstone Region for the official exhibition launch of *Shapeshifters: 3D Printing the Future*

6pm, Friday 2 June 2017

Light refreshments will be served
RSVP by 5pm, Wednesday 31 May 2017



Image: Lukasz Karluk, *HoloDecks*, 2014, Polyactic Acid (PLA)
Photographer: Boaz Nothman

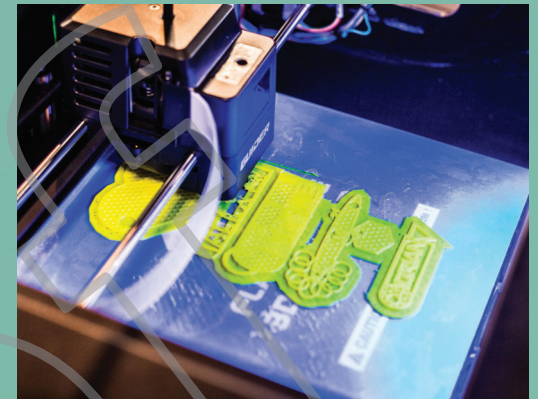
FREE 3D PRINTING WORKSHOPS

The Gladstone Regional Art Gallery & Museum and the Australian Design Centre are proud to join with Modfab to offer three FREE workshops for children and adults during the June/July School holidays. Workshops are aimed at beginners who want to learn more about 3D printing capabilities.

Limited spaces, must RSVP early!
Phone (07) 4976 6766 or email
gragm@gladstone.qld.gov.au

10am - 1pm, Thursday 29 June 2017
1/2 Day Immersion Workshop
Primary school aged children

The immersion workshop will show kids how to 3D model in Tinkercad and also learn about the process of 3D printing. Each participant will create a custom design that they will then be able to take home with them. The skills they gain in the workshop will enable them to keep on creating in Tinkercad and who knows, maybe become an inventor, maker or engineer of the future!



1/2 Day Immersion Workshop
Image courtesy of Modfab

10am - 1pm, Friday 30 June 2017
1/2 Day Minecraft Workshop
Primary school aged children

Kids will be creating their own Minecraft character or building with Tinkercad, a free cloud-based 3D modelling software. In addition to this, they will be shown how they can take their fantastic creations into a real Minecraft world! Modfab will also be 3D printing the designs so they will all have a lasting reminder of the workshop.



1/2 Day Minecraft Workshop
Image courtesy of Modfab

10am - 5pm, Saturday 1 July 2017
Full Day Immersion Workshop
Adults aged 16+

Open to a 16 years plus audience, the full-day workshop will provide participants with a full set of tools to model and create in 3D software. Each candidate will be making a custom name tag and then setting out on a journey of discovery and invention with a design challenge. Problem solving and collaboration will be the key areas of this challenge. Participants will finish the workshop loaded up with the skills and understanding they need to continue making, designing and inventing using 21st century tools.



Full Day Immersion Workshop
Image courtesy of Modfab