ANZAGG 3D Meeting
Minutes Monday 17 August 2020

# 1. Roll call

Meeting chaired by Leona Holloway, Monash University.

15 people were in attendance.

# 2. Icebreaker - What have you been designing/printing in the last month?

* One member attended the Nonscriptum webinar run by Yu-Ting Siu. They have made geometric models and lesson plans available for 3D shapes in mathematics. UPDATE: The first of the models and lesson plans are now available from <http://www.nonscriptum.com/geometry>.
* The Braille Writer Finger Guide – Several members have been printing brailler finger guides as they are very popular. One member reported that they have received some feedback about the guides snapping off and the base not sitting well inside the Perkins. Because of the size, it is not possible to print the guide sideways (which would add strength). Another members said that they have done some redesign to make edges smoother, strengthen the guides and thicken the base to make it more stable. ACTION: The modified Braille Writer Finger Guide to be shared in Teams.
* A member has been working with a VT to produce symbols for the zones of regulation. They are shapes with textures.
* A member tried using 3D face reconstruction at <https://cvl-demos.cs.nott.ac.uk/vrn/> to create 3D faces showing a range of emotions, however the result was very uneven. Not sure yet whether it was due to low resolution images or the conversion process. More experimenting needed. ACTION: Two members to further explore designing 3D faces to illustrate the emotions.

# 3. Draft Guidelines

Published guidelines are available at <http://printdisability.org/about-us/accessible-graphics/3d-printing/>.

## 3.1 3D printing by BLV people

Currently housed at <http://printdisability.org/about-us/accessible-graphics/3d-printing/blvmakers/> but not yet advertised.

ACTION: ANZAGG group member to check prior to promotion of the guidelines.

## 3.2 Labelling

A table comparing the different labelling options has been added to the draft guidelines.

# 4. Collecting feedback from teachers/students

We currently use a range of methods to gather feedback about 3D prints sent to schools:

* Informal feedback
* Braille & Large Print Services NSW have a form with detailed questions that teachers have been filling in.
* RIDBC usually have direct contact on site with visiting teachers
* SVRC Victoria have been sending out forms but none have been returned
* BLENNZ have been receiving verbal feedback.
* Leona shared a draft feedback form that could be sent in hard copy with the print but also be available online. ACTION: Leona to circulate updated form incorporating suggestions. Please let her know if you would like to use the form or be willing to share the feedback that you are receiving so that we can discuss ethics requirements.

# 5. Other Business

## 5.1 SPEVI Conference

The deadline for submissions for the SPEVI online conference has been extended until 31 August. Leona has submitted an abstract reporting on the ARC project progress. Would it be worthwhile to also present a workshop for teachers? Sessions will run for 25 minutes.

ACTION: Two members to propose a workshop giving practical examples of what teachers can (and cannot) ask for in terms of 3D models for the classroom.

SPEVI also have a community of practice with workshops held every two months. After the presentation they have break-out rooms for discussion. Contact Melissa Fanshawe to propose a topic.

# 6. Next Meeting

Wednesday 16 September

Topic: Shared design

* How can we gather 3D designs from a variety of sources?
* How can we support each other to finalise and release our designs?
* Using collections in Thingiverse
* Contributing to ImageShare