



LIGHT, MUSIC & IDEAS

viv'd SCHOOL

VISUAL ARTS PROGRAM

SCULPTURE MAKING HANDBOOK

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Vivid School 2020 Light Installation — Introduction

Calling all budding light artists, creatives, sculptors, designers and makers: join Vivid School in 2020 and create an installation for the Vivid Sydney Light Walk.

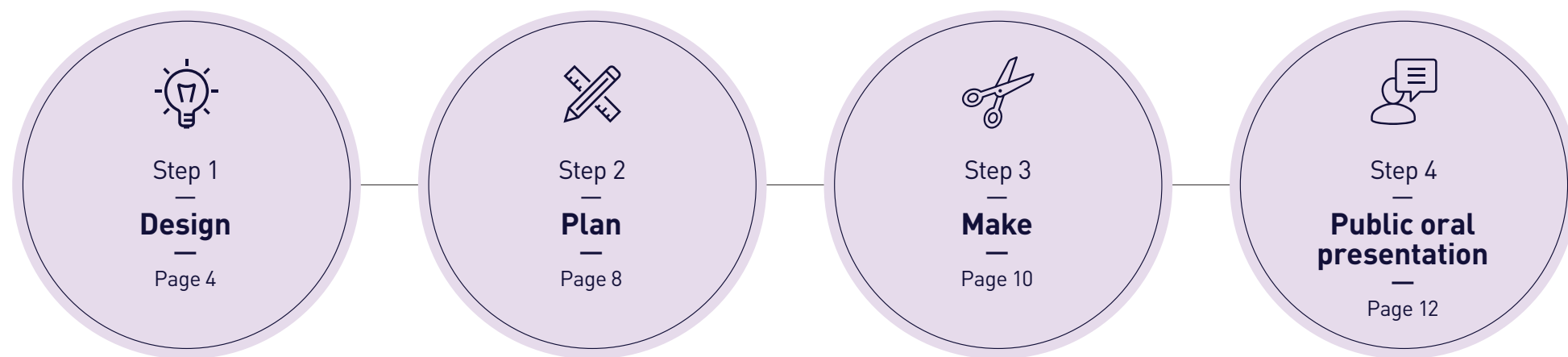
The Visual Arts Program is for Stages 4 & 5 and encourages students to investigate different visual art practices and influences, develop artistic intention and experience the joy in making artworks.



artist's impression

- In 2020, students at Vivid School will create an artwork for Vivid Sydney's famous Light Walk.
- Designed and made by Stages 4 & 5 Visual Arts students, via an in-class unit of study and public oral presentation at Vivid School.
- As an exercise modelled on the actual Vivid Sydney *Expression of Interest* process for professional artists, this is a first-of-its-kind experience for young artists.

Vivid School — Visual Arts Sculpture Making — Creative Steps





Step 1: **Design**

The Design Brief

- In groups of three or more, design a sculpture using a small black wire frame as the base, that will be placed over a ground light and up-lit from within.
- Be inspired by the theme: **'Glowing White Botanicals'**.
- Use only white or transparent found/recycled materials which are weatherproof and respond to light in an interesting way.





Step 1: **Design** *continued*

Artistic theme: 'Glowing White Botanicals'

The Vivid School Light Installation will be displayed as a featured highlight in the Royal Botanic Garden Sydney. Each individual sculpture will explore an artistic representation or abstraction of botanic science.

The Royal Botanic Garden Sydney is a harbourside oasis within the heart of Sydney. It is home to an outstanding collection of plants from Australia and around the globe, planted in stunning thematic displays.

The site has a rich history of Aboriginal culture and early European settlement. Established in 1816 as a Botanic Garden, it is Australia's oldest scientific institution and today is the site of cutting-edge research and conservation projects.

Preserving plant genetic diversity, restoring damaged ecosystems, helping revolutionise crop research and contributing to the global bank of medical knowledge, the Royal Botanic Garden Sydney is a living laboratory, and a site of vital scientific work for today and for generations to come.







Step 1: **Design** *continued*

Materials

- Reduce, Reuse, Recycle!
- Your group should design the sculpture to celebrate the beauty of discarded objects. Explore concepts of reuse and upcycling as a vital part of our society's shift to a more sustainable way of living.
- Find interesting textures and test how they will filter light.
- All materials must be able to withstand heavy rain (do not use paper, cardboard or similar).
- All materials must be mostly white to allow the lighting designer to project coloured light onto/into finished sculptures.





Step 2: Plan

Project Management Plan

Paste the A4 **Project Management Plan** (on page 9) into your Visual Arts Diary and write your thoughts and ideas for the following:

- Describe the concept or artistic approach for your sculpture.
- Estimate the length of time that your sculpture will take to make.
- Make a list of the materials that you will need to make your sculpture.
- Provide a quantity estimate for each key material.



Project Management Plan

1 Describe the concept or artistic approach for your sculpture:

[illegible]

2 Estimate the length of time that your sculpture will take to make:
(Consider how many people will be working on the piece, and how many hours they will work)

3 Make a list of the materials that you will need, and quantities required:

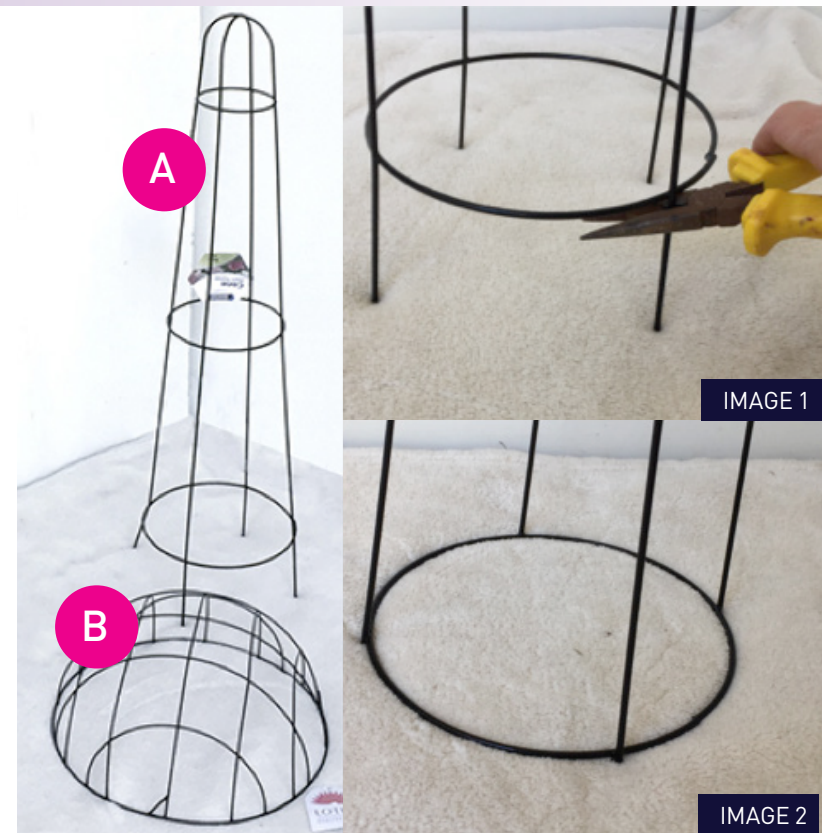
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Step 3: **Make**

Construction

- Following payment, schools will be advised about securing a Sculpture Making Kit that will include the black wire frame base (either A or B) and a selection of necessary tools such as waterproof adhesive, pliers and clear cable ties.
- Prepare your allocated wire frame:
 - **Whites 75cm Black Cone Plant Trainer (A):**
Cut the legs off so that the base ring sits on the ground (Image 1).
 - **Lotus 305mm Hanging Basket (B):**
Remove the coconut lining and chain from the hanging basket so just the wire basket remains.
- The Vivid Sydney operations crew will use the circular base to peg your work into the ground so it is wind resistant (Image 2).
- Please only use a waterproof adhesive, not PVA glue.





Step 3: **Make** *continued*

Test

- Place a light source (e.g. phone torch) under your sculpture to assess how it responds to light, and ensure that you are happy with the result.
- Using a watering can, shower your sculpture to ensure that water can run through or over it easily.

Note: In the final display your sculpture will not need to protect the lighting inside it. The lights will be waterproof (rated IP 65/67).





Step 4: **Public oral presentation**

Presentation at Vivid School

Prepare a two minute presentation addressing the following:

- How have you considered the use of light in your sculpture's design?
- Did you overcome any challenges?
- Why should your sculpture be included in an official Vivid Sydney Light Walk installation?

Note: Presentations will be **oral only**; students will not have access to Keynote/PowerPoint facilities at Vivid School.



Final installation

The final display will be part of a large-scale installation titled **'Patterns in Nature'**, located in the Royal Botanic Garden Sydney. It will be pixel-mapped by a professional lighting designer with all sculptures being individually lit to become united with others.

All completed sculptures will be in situ on the evening of your attendance at Vivid School (ie. sculptures collected Monday will be available to view on the Light Walk on Monday evening). All sculptures will be in place by Friday 29 May, 2020.

Individual sculptures will not be identified on site, but rather presented as one collective piece. Placement of sculptures is at the discretion of the Vivid Sydney Light curatorial and operations team.



FAQs

1. Where can I source the black wire frame and equipment to build the sculpture?

Once schools have confirmed their registration for the Visual Arts program including payment, Vivid School will be in contact to advise how to secure base materials.

2. Where can I source re-used items for my sculpture?

Interesting packaging materials can be sourced from many local businesses (e.g. polystyrene foam wrap, bubble wrap, CDs/DVDs, heavy duty translucent plastics, milk bottles etc). Reverse Garbage in Marrickville stocks various items suitable for re-use.

3. Do I have to use the exact wire frame referred to in the Sculpture Making Handbook?

Due to the design of the collective installation, it is vital that all sculptures are made from the same base. Vivid School will contact teachers about securing the approved base materials in due course.

4. Should my presentation include Keynote/PowerPoint slides?

No, presentations will be oral only to groups of peers. It will not be possible to display individual presentations for all participants.

5. Should I bring my sculpture to the Vivid School event at the ICC Sydney?

Yes! You will need your sculpture and your oral presentation on the day of your Vivid School program (do not bring lights of any kind, the festival will be lighting your sculpture for you). If accepted, your sculpture will travel directly from Vivid School to the Vivid Light Walk for installation.

6. Can students be involved in the installation of their sculpture?

Due to the volume of sculptures and technical requirements of the installation, students are not permitted to attend the site for bump in of their sculptures. This will be managed by Vivid Sydney's expert operations and curatorial team.

7. Will all sculptures be displayed as a part of the Vivid Sydney Light Walk?

No. Artwork will only be accepted if it meets design criteria and has been constructed to be resilient and weatherproof. Vivid Sydney reserves the right to select appropriate sculptures to be featured in the Royal Botanic Garden Sydney installation.

8. Where and when will I be able to see my sculpture (if it is included)?

The final display will be located in the Royal Botanic Garden Sydney, as part of a large installation Patterns in Nature. Individual sculptures will be in situ on the evening of your attendance at Vivid School. Individual sculptures will not be identified on site, but rather presented as one collective piece. Placement of sculptures is at the discretion of the Vivid Sydney Light curatorial and operations team.

9. Will my sculpture be returned to me after Vivid Sydney?

No, unfortunately it will not be possible to return the sculptures to each school/artist. Vivid Sydney will dispose of or reuse the sculptures in a sustainable way.