

**QCA GRUMPUS SESSION PLAN  
ALL WORKSHOPS v.07 22/09/21**

**GRIFFITH WEEK 6 – GRUMPUS WEEK 1**

2 September 2021 (10.30am – 11.45am & 2.30pm – 3.45pm)  
& 3 September (10.30am – 12pm)

Time	What	Who
10 mins	<p>Introduction</p> <ul style="list-style-type: none"> <li>• Greeting &amp; facilitator introduction</li> <li>• Recap what is The Edge at SLQ</li> <li>• Recap project - what is the Great and Grand Rumpus both last time and this time, establish what is the Well (watch video – 6.5mins)</li> </ul> <p><a href="https://vimeo.com/481505764">https://vimeo.com/481505764</a></p> <ul style="list-style-type: none"> <li>○ Concepts have been generated as a part of a process working with children referred to as Well Making and the Well</li> <li>○ Second process is the design of large-scale cardboard sculpture for installation</li> <li>○ Third process is the fabrication of said large scale, cardboard sculpture for installation.</li> <li>○ Parallel process: there are small scale sculptures being developed as a part of a community process</li> <li>○ Parallel process: story collation and collection process working with a creative writer</li> <li>○ Parallel process: we are developing (further developing) interactive and immersive technology elements for implementation in the exhibition</li> <li>○ In this instance, as we are working on the Gold Coast in your class time and own time, however we encourage you to come check out and play at The Edge!</li> <li>• What the cohort will be contributing to the project <ul style="list-style-type: none"> <li>○ Design and fabrication of one large scale sculptural works per class group for inclusion in the exhibition outcome, 3 in total for all QCA groups, you will be pitching these next week!</li> </ul> </li> </ul>	SLQ
15 mins	<p>Design for Communities and Culture - Introduction to material</p> <ul style="list-style-type: none"> <li>• Properties of material and textures</li> <li>• Examples of fabrication techniques The Edge have used</li> </ul> <p><a href="https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:workshops:giant_cardboard_structures">https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:workshops:giant_cardboard_structures</a></p> <p>Responsible Design – Design Constraints</p> <ul style="list-style-type: none"> <li>• Modular design</li> <li>• Scale</li> <li>• Timeframe</li> <li>• Transport, installation and access points</li> </ul> <p>Design for Communities and Culture - Concept Development</p> <ul style="list-style-type: none"> <li>• Grampus Pinterest for Inspiration</li> </ul>	SLQ

	<a href="https://www.pinterest.com.au/Thebadlament/grampus/">https://www.pinterest.com.au/Thebadlament/grampus/</a>	
15 mins	QCA – WEEK 7 – Concept Pitch – Powerpoint	QCA
20 mins	Design for Communities and Culture – Concept Development <ul style="list-style-type: none"> <li>Students to dive in and explore The Well and select an Imagined Thing</li> </ul>	SLQ/Q CA
10 mins	Documentation & Communication <ul style="list-style-type: none"> <li>How we are going to communicate with each other and other groups and documentation process</li> <li>Teams</li> <li>SLQ Wiki reporting</li> <li>Consent for photography</li> <li>Online participants – research and reporting tasks</li> <li>Check out</li> </ul>	SLQ/Q CA

### **HOMEWORK TASKS (~10hrs) – CONCEPT PITCH**

- 1x A3 PIN-UP – of selected *Imagined Thing (annotated)* to dissect design elements for potential exploration and sub-group allocation - **Print in colour** (*any additional A3 pages OK*)
- Cardboard mockup demonstrating some early Form / Texture / Scale / Interactivity (*think about how it can be divided up for subgroups*)

### **RESOURCES TO SHARE ON TEAMS**

#### **Grampus 2018 Video**

<https://vimeo.com/481505764>

#### **Grampus Pinterest**

<https://www.pinterest.com.au/Thebadlament/grampus/>

#### **SLQ Giant Cardboard Sculpture Techniques**

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:giant\\_cardboard\\_structures](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:giant_cardboard_structures)

**Miro** (need link from QCA ), alternatively here's one we could use if we need it:

[https://miro.com/app/board/o9J\\_l1qkqYg=/](https://miro.com/app/board/o9J_l1qkqYg=/)

#### **SLQ Wiki – The Well**

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:grampuslandonline:rrldev:the\\_wellhome](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:grampuslandonline:rrldev:the_wellhome)

#### **SLQ Wiki – QCA Southbank**

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:design\\_prototyping\\_and\\_fabrication\\_sprints:griffithsouthbank](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:design_prototyping_and_fabrication_sprints:griffithsouthbank)

#### **SLQ Wiki – QCA – Gold Coast 1 (am)**

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:design\\_prototyping\\_and\\_fabrication\\_sprints:griffithgc1](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:design_prototyping_and_fabrication_sprints:griffithgc1)

#### **SLQ Wiki – QCA – Gold Coast 2 (pm)**

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:design\\_prototyping\\_and\\_fabrication\\_sprints:griffithgc2](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:design_prototyping_and_fabrication_sprints:griffithgc2)

## SLQ Wiki – Reporting – Participants

<https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:grampuslandonline:rrldev:theportal:designedthings>

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### QCA GRUMPUS SESSION PLAN

#### GRIFFITH WEEK 7 – GRUMPUS WEEK 2

9 September 2021 (9am – 11.45am & 1pm – 3.45pm)

& 10 September (9am – 12pm)

Time	What	Who
15 mins	Check in and establish what the day's work will be	SLQ/QCA
1-1.5hr	Student Concept Pitch (approx. 10 min per. Student) <ul style="list-style-type: none"><li>• 1x A3 PIN-UP – of selected <i>Imagined Thing (annotated)</i> to dissect design elements for potential exploration and sub-group allocation</li><li>• Cardboard mockup demonstrating some early Form / Texture / Scale / Interactivity</li></ul>	Students
15 mins	Concept Selection <ul style="list-style-type: none"><li>• Group decision making around which concept to translate into the real – reddots favourite to take forward</li></ul>	QCA
15 mins	Concept Development – Building on the chosen concept <ul style="list-style-type: none"><li>• Extract key concepts, ideas and feel of the work/world</li><li>• Discuss subgroups and subgroup tasks (research and experiments)</li></ul>	QCA
10 mins	Responsible Design – Communication & Collaboration <ul style="list-style-type: none"><li>• Agreements for working together collaboratively “Miguel Ruiz (1997) The Four Agreements are: Be Impeccable With Your Word Don't Take Anything Personally Don't Make Assumptions Always Do Your Best”</li><li>• How we are going to make decisions</li><li>• Agreements mapping task</li></ul>	SLQ
20 mins	Documentation & Communication <ul style="list-style-type: none"><li>• Documentation the session (SLQ Wiki)</li><li>• Homework tasks given</li><li>• Next week: split into subgroups and design</li><li>• Check out</li></ul>	SLQ

#### HOMEWORK (~5hrs)

Subgroup Tasks (as determined by chosen concept and concept development work in class)

- Research/experiment to develop the idea/design
- Research dynamism, tension and mass
- Research child centred design/play based development

## RESOURCES TO SHARE ON TEAMS

Dynamism, tension and mass <https://www.theparisreview.org/blog/2019/12/18/a-figure-models-brief-guide-to-poses-through-art-history/>

Child centred design/play based development <https://www.startingblocks.gov.au/other-resources/factsheets/the-importance-of-play-in-children-s-learning-and-development/>

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## QCA GRUMPUS SESSION PLAN

### GRIFFITH WEEK 8 – GRUMPUS WEEK 3

16 September 2021 (9am – 11.45am & 1pm – 3.45pm)  
& 17 September (9am – 12pm)

Time	What	Who
15 mins	Check in and establish what the day's work is to be	SLQ
15 mins	Group based Work Strategies Derivative Design	QCA
15 mins	Group Work Design <ul style="list-style-type: none"><li>• How do we use digital design and fabrication tools to accelerate fabrication?</li><li>• Revisit fabrication methods used in previous Grumpus project <a href="https://wiki.slq.qld.gov.au/doku.php?uctures">https://wiki.slq.qld.gov.au/doku.php?uctures</a></li><li>• Explore digital fabrication technology<ul style="list-style-type: none"><li>○ What they are?</li><li>○ How they can be used in this instance?</li></ul></li><li>• Revisit design constraints and opportunities presented as a part of the project process <a href="https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:works_hops:sculpture_technical_requirements">https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:works_hops:sculpture_technical_requirements</a><ul style="list-style-type: none"><li>○ Splitting into elements for later assemblage</li><li>○ Setting up on the floor and suspending from the roof</li><li>○ Considerations of cardboard as a technology</li><li>○ Specific cardboard technologies developed for this project</li><li>○ Consideration of adhesion technologies; glues, tapes etc</li></ul></li></ul>	SLQ
15 mins	Group Work Design – Subgroup sharing <ul style="list-style-type: none"><li>• Subgroups to share what they researched/experimented with and how it contributes to</li><li>• Discussions around what to include</li></ul>	SLQ/ QCA
10 mins	Break	
45 mins	Group Work Design <ul style="list-style-type: none"><li>• Make &amp; document sculpture possibilities together as a scale model/Marquette</li><li>•</li></ul>	SLQ/ QCA

15 mins	Group Work Design – sharing <ul style="list-style-type: none"> <li>Share creation with the cohort and seek feedback from peers</li> </ul>	SLQ/QCA
30 mins	Group Work Design - <ul style="list-style-type: none"> <li>In previously established groups, select an element of the Marquette to develop a design for fabrication</li> <li>Start to prepare design concept for fabrication</li> </ul>	
20 mins	Documentation <ul style="list-style-type: none"> <li>Documentation the session (SLQ Wiki)</li> <li>Homework tasks given</li> <li>Next week: prototype fabrication, skin/texture/top layer samples</li> <li>Check out</li> </ul>	

### HOMEWORK (~10hrs)

In subgroups apply knowledge to design processes

- Use selected element from Marquette and develop a design for fabrication
- Prepare design concept for fabrication next week

### RESOURCES TO SHARE ON TEAMS

SLQ Wiki – specific to previous construction methods and tech

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:workshops:giant\\_cardboard\\_structures](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:workshops:giant_cardboard_structures)

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:workshops:sculpture\\_technical\\_requirements](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grumpus:workshops:sculpture_technical_requirements)

### QCA GRUMPUS SESSION PLAN

#### GRIFFITH WEEK 9 – GRUMPUS WEEK 4

22 September 2021 (9am – 11.45am & 1pm – 3.45pm)  
& 23 September (9am – 12pm)

Time	What	Who
15 mins	Check in and establish what the day's work is to be <ul style="list-style-type: none"> <li></li> </ul>	SLQ
15 mins	Design Perspectives Client Reflection Design Narratives	
15 mins	Group Work Design <ul style="list-style-type: none"> <li>How do we use digital design and fabrication tools to accelerate fabrication?</li> <li>Revisit fabrication methods used in previous Grampus</li> </ul>	QCA

	<ul style="list-style-type: none"> <li>● project <a href="https://wiki.slq.qld.gov.au/doku.php?uctures">https://wiki.slq.qld.gov.au/doku.php?uctures</a></li> <li>● Explore digital fabrication technology <ul style="list-style-type: none"> <li>○ What they are?</li> <li>○ How they can be used in this instance?</li> </ul> </li> <li>● Revisit design constraints and opportunities presented as a part of the project process <a href="https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:sculpture_technical_requirements">https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:sculpture_technical_requirements</a> <ul style="list-style-type: none"> <li>○ Splitting into elements for later assemblage</li> <li>○ Setting up on the floor and suspending from the roof</li> <li>○ Considerations of cardboard as a technology</li> <li>○ Specific cardboard technologies developed for this project</li> <li>○ Consideration of adhesion technologies; glues, tapes etc</li> </ul> </li> </ul>	
75 mins	<p>Group Work Design</p> <ul style="list-style-type: none"> <li>● Finalise prototype fabrication processes from the previous session <ul style="list-style-type: none"> <li>○ Fabrication of prototype</li> <li>○ Fabrication of skin samples</li> <li>○ Troubleshoot as required</li> </ul> </li> </ul>	SLQ/QCA
10 mins	Break	
30 mins	<p>Design Perspectives - Reflection</p> <ul style="list-style-type: none"> <li>● Review fabricated element with the group <ul style="list-style-type: none"> <li>○ Discuss what worked</li> <li>○ Discuss what has not worked</li> <li>○ Discuss what implications this will have on the full-scale fabrication</li> </ul> </li> <li>● Design for Fabrication <ul style="list-style-type: none"> <li>○ Finalise design for overall sculpture, factoring in learning from over the week</li> </ul> </li> </ul>	SLQ/QCA
20 mins	<p>Documentation</p> <ul style="list-style-type: none"> <li>● Documentation the session (SLQ Wiki/short video to share with other groups)</li> <li>● Homework tasks given</li> <li>● Next week: fabrication</li> <li>● Check out</li> </ul>	SLQ

### **HOMEWORK (~10hrs)**

#### Design for Fabrication

- Make any adjustments to design files required to be ready for full scale fabrication next week

### **RESOURCES TO SHARE ON TEAMS**

SLQ Wiki – specific to previous construction methods and tech

[https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:giant\\_cardboard\\_structures](https://wiki.slq.qld.gov.au/doku.php?id=engagement:grampus:workshops:giant_cardboard_structures)

### QCA GRUMPUS SESSION PLAN

#### GRIFFITH WEEK 10 – GRUMPUS WEEK 5

30 September 2021 (9am – 11.45am & 1pm – 3.45pm)

& 1 October (9am – 12pm)

Time	What	Who
15 mins	Check in and establish what the day's work is to be <ul style="list-style-type: none"> <li>• New things in the Well</li> <li>• New items in the Pallet</li> </ul>	SLQ
15 mins	Professional Presentation Project Management Communicating to Industry	QCA
60 mins	Fabrication of sculpture – internal structure and skin <ul style="list-style-type: none"> <li>○ Troubleshoot as required</li> </ul>	SLQ/QCA
10 mins	Break	
55 mins	Fabrication of sculpture – internal structure and skin <ul style="list-style-type: none"> <li>○ Troubleshoot as required</li> </ul>	SLQ/QCA
10 mins	Documentation <ul style="list-style-type: none"> <li>• Documentation the session (SLQ Wiki/short video to share with other groups)</li> <li>• Homework tasks given : fabrication</li> <li>• Next week: fabrication and assembly</li> <li>• Check out</li> </ul>	SLQ

#### HOMEWORK (~10 hrs)

Fabrication of elements in own time, to ensure on track for delivery

### QCA GRUMPUS SESSION PLAN

#### GRIFFITH WEEK 11 – GRUMPUS WEEK 6

7 October 2021 (9am – 11.45am & 1pm – 3.45pm)

& 8 October (9am – 12pm)

Time	What	Who
15 mins	Check in and establish what the day's work is to be <ul style="list-style-type: none"> <li>• New things in the Well</li> <li>• New items in the Pallet</li> </ul>	SLQ
15 mins	Design Deliverables	QCA
60 mins	Fabrication of sculpture – internal structure and skin <ul style="list-style-type: none"> <li>○ Troubleshoot as required</li> </ul>	SLQ/QCA
10 mins	Break	
55 mins	Fabrication of sculpture – internal structure and skin <ul style="list-style-type: none"> <li>○ Troubleshoot as required</li> </ul>	SLQ/QCA
10 mins	Documentation	SLQ

	<ul style="list-style-type: none"> <li>• Documentation the session (SLQ Wiki/short video to share with other groups)</li> <li>• Homework tasks given : fabrication</li> <li>• Next week: completion and delivery to SLQ</li> <li>• Check out</li> </ul>	
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### **HOMEWORK (~10 hrs)**

Fabrication of elements in own time, to ensure on track for assembly and delivery

### **QCA GRUMPUS SESSION PLAN**

#### **GRIFFITH WEEK 12 – GRUMPUS WEEK 7**

14 October 2021 (9am – 11.45am & 1pm – 3.45pm)

& 15 October (9am – 12pm)

Time	What	Who
15 mins	Check in and establish what the day's work is to be <ul style="list-style-type: none"> <li>• New things in the Well</li> <li>• New items in the Pallet</li> </ul>	SLQ
15 mins	Design Deliverables	QCA
60 mins	Fabrication of sculpture – final assembly	SLQ/QCA
10 mins	Break	
55 mins	Completion of sculpture – internal structure and skin <ul style="list-style-type: none"> <li>○ Troubleshoot as required</li> </ul>	SLQ/QCA
10 mins	Documentation <ul style="list-style-type: none"> <li>• Documentation the session (SLQ Wiki/short video to share with other groups)</li> <li>• Next week: delivery to SLQ</li> <li>• Check out &amp; reflections</li> </ul>	SLQ