# FUN PALACE 2018 Wind tunnel

**SLQ Wiki Fabrication Lab 2025/11/30 17:59** 

# **FUN PALACE 2018 Wind tunnel**

Activity [	Details
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**Type** 

**Duration** 

# Deliveries

**Duration** 

**Activity Criteria** 

#### **Learning Outcomes & Facilitator notes**

- Fun fact Gliders are aircraft which do not have a motor. Gliders are controlled by their pilots by using control-sticks. Some gliders can only carry one person; others can carry two. In gliders with two seats, each pilot has a control-stick. Gliders always have seats for the pilots. - Interesting fact for a child/teenager - (fun youtube clip on how parachutes work) https://www.youtube.com/watch?v=vZYwsAvHgVw
- Interesting fact for an adult A parachute slows your fall to about 19 km/h enough for a much safer landing
- **Image** (image of a parachute slowing down a jet as it lands) https://kids.kiddle.co/Image:Typhoon deploying parachute arp.jpg
- QLD collection
- (Book about Sugar Glider learning to glide -suitable for children) http://onesearch.slq.qld.gov.au/primo-explore/fulldisplay?docid=slq\_alma21106360950002061&conte xt=L&vid=SLQ&search scope=SLQ PCI EBSCO&tab=all&lang=en US - (paragliding 1985) http://onesearch.slq.qld.gov.au/primo-explore/fulldisplay?docid=slq\_digitool227769&context=L&vid= SLQ&search scope=DT&tab=dt&lang=en US

### **Session Plan**

#### **Materials Req**

A selection of craft materials to construct parachutes, gliders etc eg:

- 200gsm card (A4)
- string or wool



- sticky tape
- plastic film (plastic bags and scissors would be enough)
- ice block sticks
- bamboo skewers

#### **Equipment Req**

- vertical wind tunnel
- scissors
- hot glue guns and glue
- staplers
- pens and pencils

#### **Files**

## **Reflections Learnings**

# **Gallery**