



FUN PALACE 2018 Wind tunnel

SLQ Wiki Fabrication Lab 2025/10/15 11:15

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Activity Details

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://onsearch.slq.qld.gov.au/primo-explore/fulldisplay?docid=slq_alma21106360950002061&context=L&vid=SLQ&search_scope=SLQ_PCI_EBSCO&tab=all&lang=en_US - (paragliding 1985)

http://onsearch.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