ENGINEERING EDUCATES GARMVENNION CHALLENGE

Cattle Carers Pathway

Full resources list

Session 1

access to the internet

Optional:

• dairy products (e.g. milk, condensed milk, cheese, yogurt or butter

Session 2

Per group:

- 2 small or medium zip lock bags
- a sachet of yeast
- half a sheet of dried seaweed
- teaspoon
- suger
- measuring cylinder
- warm water (between 45-50°C)
- stirring rod
- thermometer

Optional

- laptops or tablets for research
- Cameras

Session 3

- ethogram templates
- poster or flip chart paper
- Post-it notes
- pens, pencils and rulers
- squared paper

Optional

laptops with internet access

Session 4

Per group:

- 5mm thick corrugated card
- 3mm skewers, dowel or straws
- seeds, beads, or marbles
- PVA glue or masking tape
- scissors
- cardboard tube
- recycled boxes
- A4 sheet of light card
- craft sticks
- rubber bands
- paper cups

Optional access to additional tools:

- glue gun
- craft knife
- cutting board

Session 5

Per group:

- computer with access to the internet
- micro:bits (note this lesson uses V2 micro:bits, but if you don't have micro:bits, or only have V1, then you can use the online simulator instead:

https://makecode.microbit.org/



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