

SCIENCE OF THE SNOWY SCHEME

with Kirsten Banks

WEATHER

Multiple choice questions

1

Where are Kirsten and Mic?

CIRCLE ANSWER

Blue Mountains

Guthega Meteorological Station

Cooma Weather Station

2

What is measured at this weather station?

CIRCLE ANSWER

Water flow and speed

Precipitation, humidity and temperature

Pygmy Possums

3

What part of Australia is the Snowy Mountains?

CIRCLE ANSWER

North Western Australia

South Eastern Australia

North Eastern Australia

Complete the statements by filling in the missing word

The Snowy Mountains is the _____ mountain range in Australia | **highest or lowest**

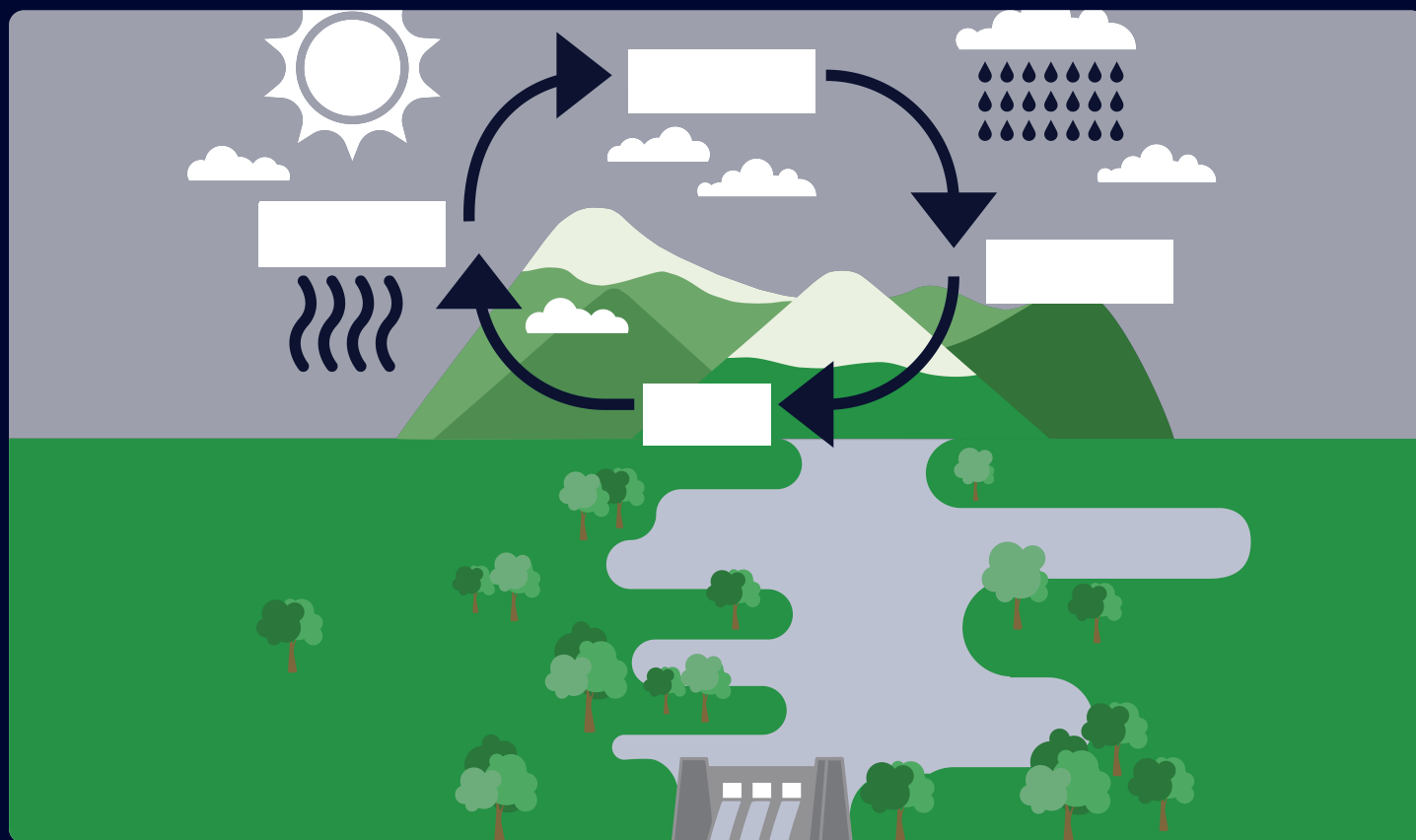
The Snowy Mountains is the ideal place for _____ to collect naturally | **snow or rain**

Snow _____ to make water to generate clean green hydro power | **freezes or melts**

The water cycle

Label the diagram using the word bank below

condensation | evaporation | precipitation | run-off



Research question

What is the name of the instrument seen in the video that Snowy Hydro uses to measure the depth and water content of snow?

Answer _____

Click here or visit snowyhydro.com.au/education-resources/weather/ to find out the answer!



In one sentence answer the question below

What role did the weather play in selecting the Snowy Mountains for the location of the Scheme?

Research question

How important is weather data to the operation of the Scheme?

Use the word bank to find the answer

rely | water | licence | hydro | data | meteorologists | weather station

Operations of the Scheme _____ on the data which goes into forecasting done by Snowy Hydro _____ based in Sydney and Cooma.

Forecasting uses _____ collected from the _____. The data provides essential knowledge to operations to ensure that _____ is in the right place at the right time. Water is moved around the Scheme to meet the water _____ requirements and to generate clean, green _____ power.

Summary question

Why does the water need to be in the right place at the right time across the Snowy Scheme?
