

Name:

Date:

THE SNOWY MOUNTAINS SCHEME

KNOWLEDGE QUEST



ANSWER LOCATION:

Snowy Mountains Scheme diorama

1 DAMS



What is a dam?

☐ A body of water

OR

☒ A structure holding back water

2 DAMS

Depending on important factors, the 16 major Snowy Scheme dams are constructed with different materials.

Name the other three

Rockfill

Earth fill

Concrete gravity

Concrete arch

3 RESERVOIRS

The combined water storage capacity of all the Scheme's reservoirs is

7000 gigalitres.

this is approximately



the volume of Sydney Harbour

A megalitre (ML) = one million litres
A gigalitre (GL) = one thousand megalitres

4 TUNNELS

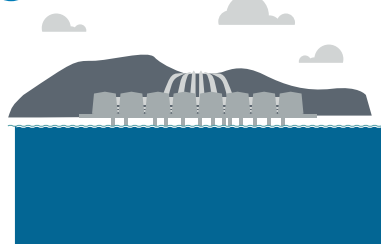
There are

145 kilometres of tunnels

80 kilometres of aqueducts

The longest tunnel is the Eucumbene-Snowy and it is 23.5 kilometres in length.

5 POWER STATIONS



The Snowy Scheme consists of

CIRCLE ANSWER

3

6

9

18

POWER STATIONS

Generating total capacity of 4100 megawatts

4 LAKE EUCUMBENE

The largest reservoir with a water storage capacity of

4798 gigalitres

7 Name both of the Snowy Scheme Developments

1 Snowy-Murray

2 Snowy-Tumut

THE SNOWY MOUNTAINS SCHEME

KNOWLEDGE QUEST



ANSWER LOCATION:

Interpretive display area

8 WORKING LIFE

The Migrant Snowy Story 1949-1974

Migrants from how many countries?

over 30

How many migrant workers?

over 60,000 workers

9 THE ASSETS

In what years were the following completed?

Murray 1 Power Station

1967

Talbingo Dam

1970

Tumut 1 Tailwater Tunnel

1959

10 IRRIGATION

Name two methods of irrigation

Drip, flood, channels, sprinklers & sub-surface

11 IRRIGATION

Name two types of irrigated produce

Lettuce, pumpkin, citrus, tomatoes, cherries, grapes, peaches, onions, and many more

12 SNOWY 2.0 - OUR RENEWABLE FUTURE

Which two reservoirs will be linked by a tunnel?

Tantangara and Talbingo

How many reversible pump-turbines will be installed?

6 turbines



13 CHALLENGE QUESTION

Select your favourite photo from the gallery wall and explain why



Write your own answer...
