



Geoscience Australia Earth Science Week quiz and find-a-word activity

Hint: the answers to the quiz are in the find-a-word!

- G_____, the study of our Earth and its systems and touches the life of every Australian.
- Our Exploring for the Future program is working to provide Australia with the identification of new major mineral, energy and groundwater resources to build thriving R_____ communities.
- C_____M_____ are important for a low emission future, especially in the building of solar panels and electric vehicles.
- H_____ is an important fuel to support Australia's low emissions future.
- Z___ is coated on other metals to prevent rust and corrosion.
- Artificial caverns in naturally occurring geological salt deposits are also known as D_____.
- G_____ is an important water source for our dry nation.
- Groundwater naturally comes to the surface from S_____?
- What is groundwater usually sampled from? B_____
- Australia's M_____J_____ is almost double the size of Australia's landmass.
- We're applying B_____ mapping as well as other sciences to help us understand Australia's marine jurisdiction.
- The work we do across Australia, our maritime boundaries and with our P_____ N_____, empowers decision making by government, C_____ and industry.
- We have been doing scientific research in remote A_____ for over 60 years.
- Geoscience Australia's global navigation satellite system (GNSS) analysis centre software, Ginan, is an open-source software providing GNSS analysis that delivers real-time P_____ point positioning correction services.
- Our National Earthquakes A_____ Centre monitors Australia's national seismic network, 24 hours 7 days a week.
- We worked with government and industry to develop the severe wind H_____ assessment to help Australia plan and prepare for wind hazards.
- We provide geoscience data to Australia and our neighbouring Pacific countries for 10 specific hazards that we observe and study, what are these hazards? D_____, E_____, F_____, B_____, T_____, T_____, C_____, V_____, S_____ W_____, S_____ W_____ and C_____ E_____.
- Scientists utilise R_____ D_____ kits to measure the aftershocks of an earthquake.
- We use S_____ to give us positioning accuracy of around 3-5 cm.
- Data from E_____ O_____ helps us assess Australia's changing landscape.
- We have two satellite L_____ R_____ stations that help measure precise distances to satellites by timing the reflected flight of laser B_____ pulses.
- Satellite positioning technologies have enabled us to have precise N_____ on our phones and in our cars.
- The Australian tectonic plate is moving approximately S_____ cm a year north northeast.
- S_____ P_____ is a joint initiative of the Australian and New Zealand governments that provides satellite-based augmentation system (SBAS) services for Australia and New Zealand.



G	C	R	I	T	I	C	A	L	M	I	N	E	R	A	L	S	I
T	V	G	F	E	V	O	S	R	H	E	S	M	E	T	L	E	Y
R	C	R	P	I	C	G	I	A	E	W	Z	I	N	C	I	V	G
O	J	O	A	D	J	P	Z	R	T	G	W	E	R	T	Y	E	N
P	H	U	C	R	T	A	O	V	G	E	I	R	Z	G	H	R	I
I	T	N	I	G	R	C	Y	R	V	D	L	O	S	E	M	E	G
C	S	D	F	D	L	S	B	A	B	B	M	L	N	T	E	W	N
A	E	W	I	T	B	H	G	M	R	O	E	T	I	A	C	I	A
L	D	A	C	S	T	A	F	G	E	M	R	S	Y	T	L	N	R
C	C	T	N	A	B	Y	S	I	E	C	D	E	F	S	E	D	R
Y	A	E	E	K	I	A	C	B	P	A	F	A	H	N	I	S	E
C	Z	R	I	A	F	S	S	G	I	Z	I	D	E	O	R	A	S
L	Y	F	G	T	E	L	T	E	O	X	P	M	D	F	L	H	A
O	U	E	H	I	R	S	O	Z	L	A	P	S	A	V	N	E	L
N	S	R	B	K	A	A	H	O	F	I	L	A	P	N	T	R	S
E	R	O	O	C	R	T	R	E	D	W	N	T	I	A	U	M	N
S	E	F	U	G	H	J	P	A	N	E	H	E	L	E	W	S	M
A	P	A	R	A	P	I	D	D	E	P	L	O	Y	M	E	N	T
U	I	A	S	O	D	L	A	I	E	R	B	U	P	N	A	M	H
F	C	N	C	J	R	A	L	E	R	T	S	F	R	S	N	U	E
T	O	D	A	E	N	V	D	R	A	L	N	T	E	R	E	S	A
I	M	S	D	Y	W	A	S	L	A	T	E	I	C	J	G	G	R
K	M	B	F	S	D	E	D	I	U	Y	F	K	I	H	O	F	T
M	U	A	U	X	P	L	A	R	O	E	V	C	S	J	R	V	H
E	N	P	N	S	T	R	O	T	H	A	M	G	E	H	D	E	O
C	I	K	A	K	H	A	I	U	H	G	U	M	U	D	Y	R	B
O	T	O	V	O	S	F	G	N	D	E	S	E	S	E	H	T	S
A	I	P	I	M	D	N	I	G	G	H	R	C	O	R	F	Y	E
I	E	M	G	F	R	F	U	R	E	S	P	O	U	N	W	G	R
F	S	H	A	A	V	M	A	R	E	A	O	S	T	H	G	E	V
D	S	I	T	U	G	D	B	K	Y	O	Y	A	H	U	A	O	A
B	T	A	I	S	E	R	A	K	S	D	I	A	P	I	R	S	T
E	S	D	O	F	G	U	T	N	C	Y	U	N	A	G	O	C	I
A	A	V	N	J	Q	E	I	H	T	T	R	V	N	H	T	I	O
M	V	J	Y	H	R	O	B	D	R	O	U	G	H	T	A	E	N
E	B	M	T	B	T	L	B	O	R	E	E	N	G	O	G	N	I
Y	E	R	P	J	W	V	O	L	C	A	N	O	E	S	N	C	Y
N	A	F	W	A	F	R	H	J	A	S	X	N	Y	V	E	E	R
E	A	N	A	N	T	A	R	C	T	I	C	A	B	M	E	I	E
M	N	O	I	S	O	R	E	L	A	T	S	A	O	C	I	S	D
M	A	R	I	N	E	J	U	R	I	S	D	I	C	T	I	O	N

Groundwater
Hazard
Tsunami
Rapid Deployment
Bushfire
Diapirs
Drought

Severewinds
Critical Minerals
Volcano
Space Weather
Flood
Satellites
Seven

Baseline
Southpan
Antarctica
Laser Ranging
Boreholes
Earthquake
Regional

Marine Jurisdiction
Tropical Cyclone
Hydrogen
Navigation
Beam
Precise
Alerts

Pacific Neighbours
Coastal Erosion
Earth Observation
Zinc
Springs
Geoscience
Communities