

Grade 7 Natural Science Worksheet

Assessment Task: Earth Science: gemstones

Part One: Search for precious gems

You are going to be looking for treasure! Gemstones are simply rocks that can be polished to reveal colour and shine that humans find beautiful.

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

GEM	SEMIPRECIOUS	JADE	LAPISLAZULI
TOPAZ	SAPPHIRE	AMETHYST	GARNET
OPAL	EMERALD	BERYL	TURQUOISE
DIAMOND	RUBY	CARAT	AQUAMARINE

Complete the word search by looking for the precious gems.

[16 marks]

Part Two: Research about the biggest diamond ever found

Find out something about the biggest diamond ever found, or, some of the most famous diamonds found.

Present your facts in point form notes.

[8 marks]

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Suggested Solutions

Question number	Possible marks	Solution																																																																																																																																																																																								
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2	8	<p>These are just some ideas: Mark learner's facts accordingly.</p> <p>The Cullinan diamond, the biggest diamond ever, founded in 1905.</p> <p>The Star of Africa, the largest stone cut from the Cullinan and now among the British Crown Jewels and is the largest cut diamond in the world.</p> <p>The Kohinoor, which means Mountain of Light, is set in the crown known as Queen Mary's Crown.</p> <p>Formerly the largest cut diamond in the world, the Cullinan lost this record to the 545.67 carat Golden Jubilee, found in the same mine as the Cullinan in 1985.</p>																																																																																																																																																																																								