

The Earth's Crust

The Kola Superdeep Borehole was drilled in Russia between 1970 and 1994 to a depth of 7.5 miles. It is the deepest artificial hole in the world.

What actually is underneath our feet, deep into the earth?

Read the sentences below. Use the Internet or non-fiction books to find the missing words. Write them in the empty spaces and find these hidden words in the wordsearch below.

(If you are really stuck, the words are at the bottom!)

- The _____ of the Earth is one hot place. In fact, some of it is liquid or _____.
- The _____ though, is made of rock that has cooled to a hard outer skin. It is also deepest in areas with _____.
- Beneath the ocean lies the _____ crust. This crust is made of _____ lava flows, which have erupted from _____ over millions of years.
- Below the lithosphere is a hotter portion of the _____ that is always moving. It is this movement that splits the lithosphere, causing volcanoes and _____.
- The _____ are thicker and lighter. They float on top of the mantle, sort of like chunks of ice floating on a lake.

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

Answers: interior, metal, crust, mountains, oceanic, basalt, volcanoes, mantle, earthquakes, continents.

You could also try to find out:

- how a drilling rig works;
- what the longest tunnel in the world is;
- how deep mines are dug;
- how the inside of the Earth is structured.

The Earth's Crust **Answers**

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