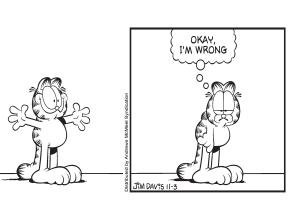
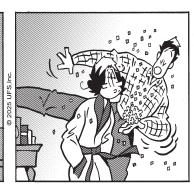
GARFIELD THERE'S NEVER A DULL MOMENT AROUND HERE



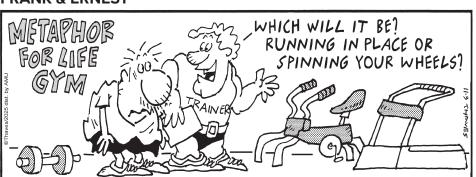
ROSE IS ROSE



A BRIEF ENCOUNTER WITH THE ELUGIVE CONFETTI ELF.



FRANK & ERNEST



MUTTS





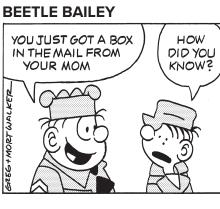


THE GRIZZWELLS











DADDY DAZE





HMMM, I COULDN'T OUTRUN HIM, SO I GUESS I'D JUST CONCENTRATE ON TASTING REALLY BAD.

THEN I'LL HOPE HE STOPS EATING BEFORE HE GETS TO ANYTHING IMPORTANT





MODERATELY CONFUSED



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REALITY CHECK



I'm tough,

but even I can be

broken down.

All rock types

can be melted

into magma.

Rocks And Roles

Scientists divide rocks into three

basic categories depending on

when liquid magma cools into a solid. Sedimentary rocks are

formed when many small rock

particles, called sediments, are

compacted together over time.

Metamorphic rocks are formed

when high heat and pressure

deep in the Earth change the structure of existing rocks without melting them.

All rocks on

Earth were

originally

igneous rocks.

Most of the

rocks in the

Earth's crust are

igneous rocks.

how the rocks were formed.

Igneous rocks are formed



he Earth is in a constant

cycle, oxygen cycle, nitrogen cycle and carbon cycle, involve

the continuous movement of

the planet's elements through

living and nonliving things. The rock cycle is another of these

natural cycles. It is an extremely slow process that forms, changes,

destroys and then recycles all of the rocks of our planet.

Gimme A Break

Rocks on the Earth's surface are

into smaller pieces by water, ice,

wind, plants and animals through

a process known as weathering.

carried away by rivers, glaciers

All fossils

are found in

sedimentary rock.

the sedimentary

rock become

It couldn't

take the

amorphic rock!

The smaller pieces are then

and wind

through

the process

of erosion.

constantly being broken down

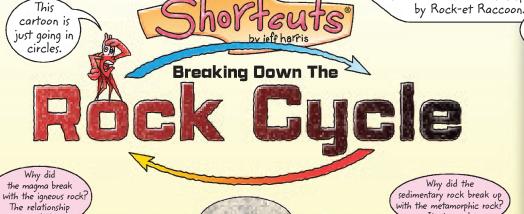
state of change. Planetwide

processes, such as the water





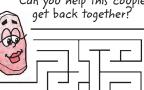
This cartoon is just going in

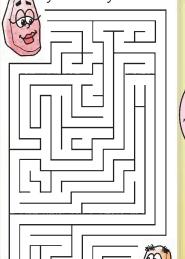


the magma break up with the igneous rock! Why did the sedimentary rock break up with the metamorphic rock? It changed. Sediment

Transport and Gonna derion Wedthering and Erosian Weathering and Erosion Heat Heat Pressure









Cooling | Crystalization The forces

of the rock cycle that change rocks over time are melting, cooling, weathering, erosion and exposure to heat and pressure. The changes a rock

Magma

The

rock cycle

allows any type of rock to be

transformed into

any other type

of rock.

Melting

Metamorphic

The

rock cycle

process that has

billions of

Word Search Can you find the hidden words? Search carefully because some words are backward or diagonal. PRESSURE FOSSIL COOL **IGNEOUS CRUST** MELT **PROCESS** CYCLE TIME is a never-ending **EROSION** SLOW BOB CHANGE HEAT HOT been occurring for MAGMAROCK ICE COATIMUNDIFUN YOUNGCSOONEED CHOHNSEIINKRS

LOLLETLSEECUP ELFCOAROUNOSE ORSAEPAENBRET PUSNAMEGOTLRO BSIGETIBMTAPE ATLEAPETEAMAY

> What do you get when you apply heat and pressur to Dwayne Johnson! The Rock.

rocks are more resistant to weathering than both igneous and sedimentary rocks.

SEDIMENTARY

ROCK

goes through to transform into another

type of rock may take thousands or

even millions of years.