

Super English

Unit 10 - Earth Lesson 4



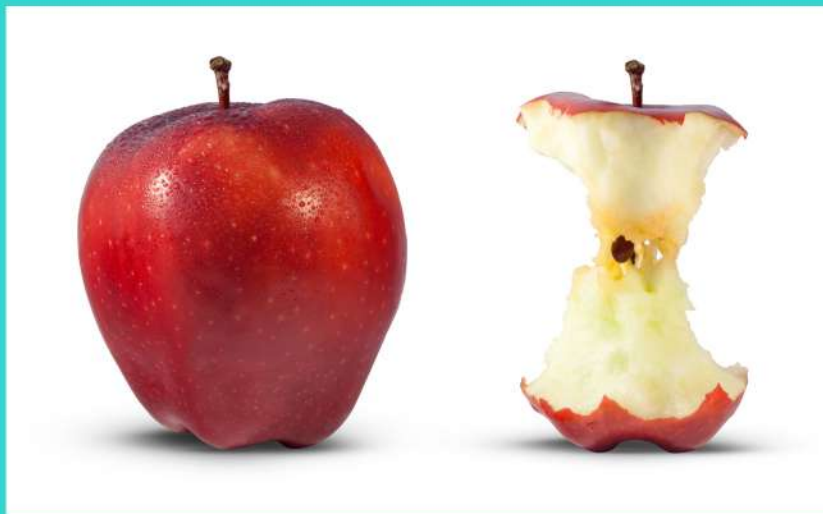


Vocabulary

Earth - Vocabulary



core: the center or most important part of something (n)



He ate the apple all the way down to its **core**.

Earth - Vocabulary



geologist: someone who studies the rocks and physical history of the Earth (n)



The **geologist** studied rocks deep in a cave to learn about Earth's history.

Earth - Vocabulary



fossil: the shape of a bone, a shell, or a plant or animal that has been preserved in rock for a very long period (n)



We found many small **fossils** along the river in the rocks.

Earth - Vocabulary



extinction: a situation in which something no longer exists (n)



The **extinction** of the dinosaurs occurred millions of years ago.

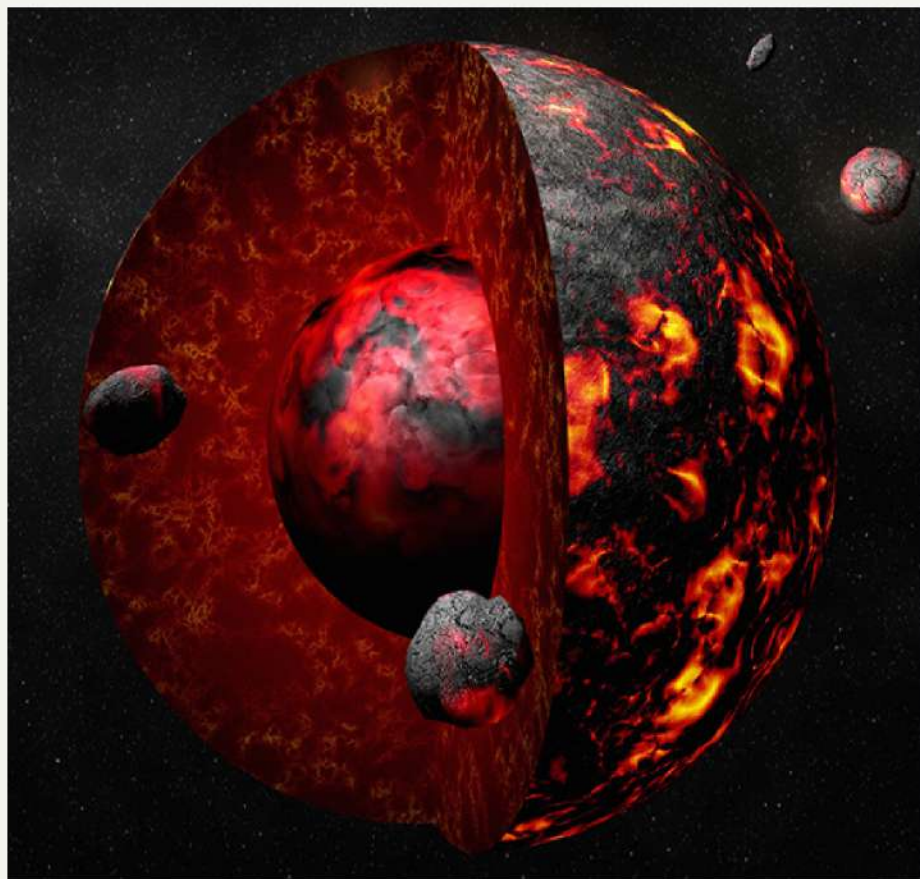


Let's
Read!



Hot Rock to Cool Planet: Earth's Grand Journey

Way back in time, 4.5 billion years ago, a molten ball of rock twirling in space decided to cool down and take on the job of being our home, Planet Earth. This is the fascinating history of that rock, as revealed by **geologists**, those rock whisperers of our world.

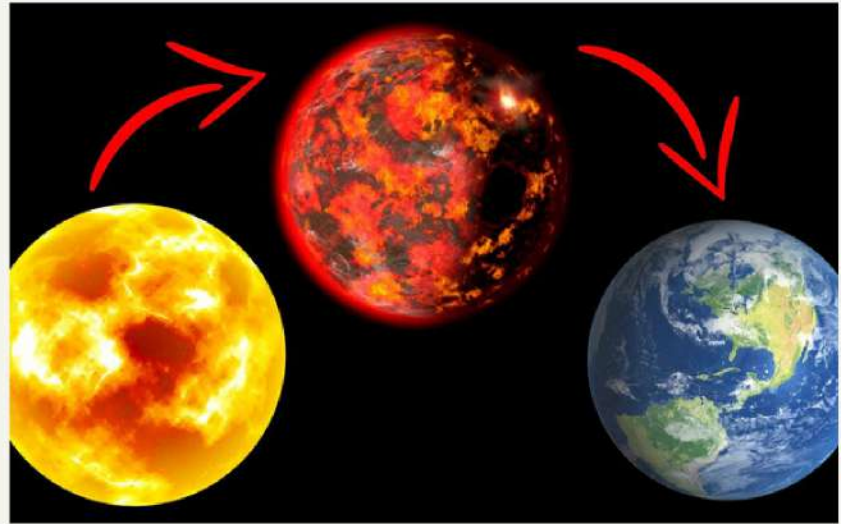


Hot Rock to Cool Planet: Earth's Grand Journey



In the beginning, our planet was a blazing hot mess, like a meatball in a cosmic oven. But over a billion years, it cooled down enough for a solid crust to form, covering the fiery core within. This core, still hot today, is Earth's heart, beating with molten iron and nickel.

Hot Rock to Cool Planet: Earth's Grand Journey



Flash forward a few more eons, and the Earth went through some major changes. Rains poured for thousands of years, creating vast oceans. Mountains rose, volcanoes spit out hot rocks, and the landscape changed, as if Earth was trying on different outfits for a big party.

Hot Rock to Cool Planet: Earth's Grand Journey



But it wasn't all fun and games. The Earth's first occupants, single-celled organisms, evolved and diversified. **Fossils**, those remains of lost life, tell us stories of these times. Trilobites, dinosaurs, and mammoths all made their grand entrance and exit on this Earth, leaving their fossilized footprints behind.

Hot Rock to Cool Planet: Earth's Grand Journey

And, oh boy, the drama of **extinctions**! Five major ones rocked the Earth's history. The most infamous one wiped out the dinosaurs 65 million years ago, probably when a giant asteroid thought it would be fun to crash the dino's party. The survivors adapted and evolved, eventually leading to us, the Homo Sapiens.

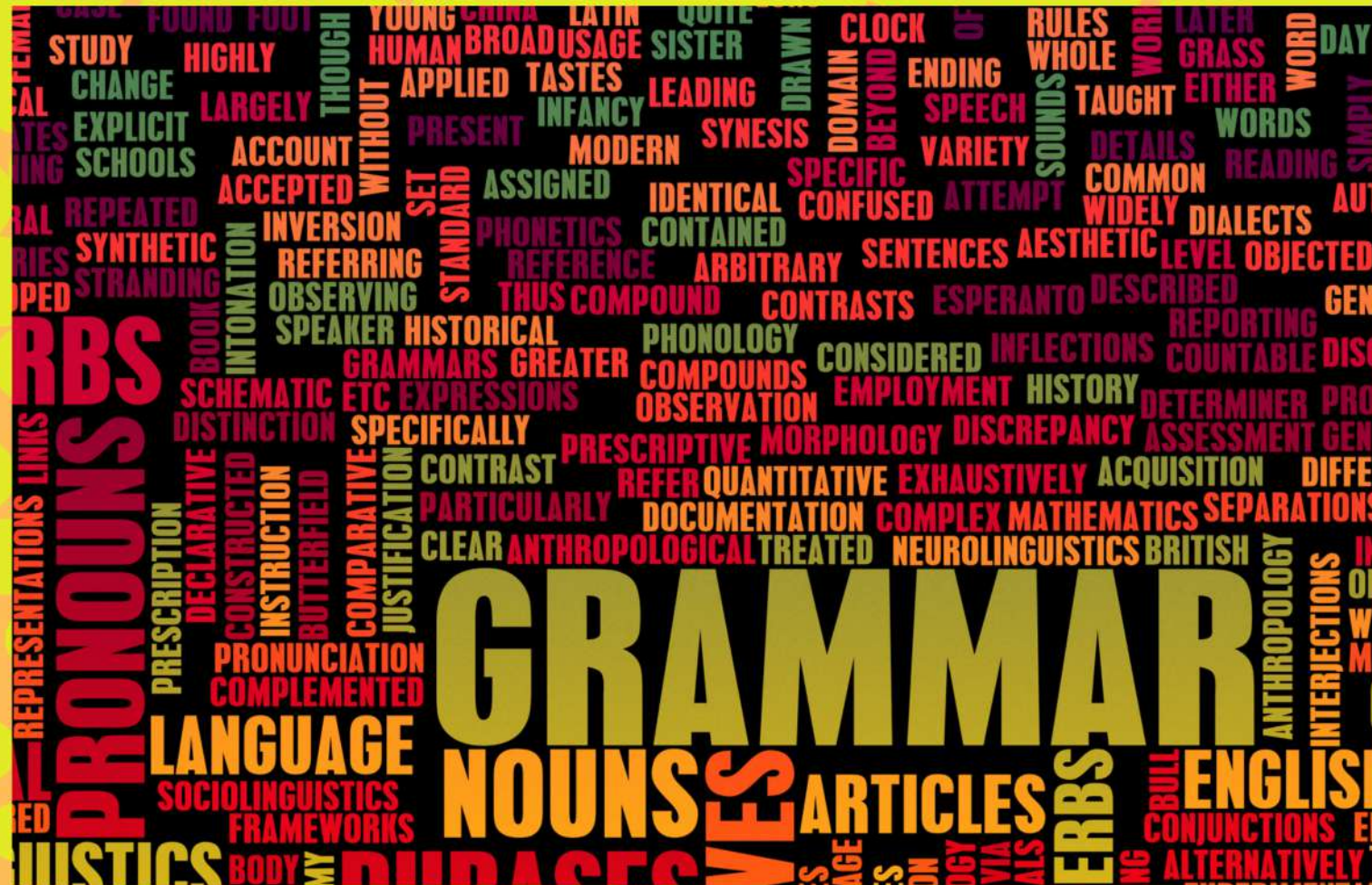


Hot Rock to Cool Planet: Earth's Grand Journey



Fast forward to today. Humans have taken the stage, writing their own chapter in Earth's history. As caretakers of this amazing, ancient rock, it's our job to do well. Next time you feel the ground under your shoes, remember, it's part of a grand story that's been told for billions of years. Being a geologist is like being a time traveler, exploring Earth's past. Ready for the next adventure?

Let's do Grammar!



Subject - Verb - Object



Subject

Verb

Object

Who or What
performs the
action of the
verb.

The verb tells
us the action
or being
within the
sentence.

Whoever or
whatever is
affected by
the verb.

The girl **rides** **her bike**.

Direct/Indirect Objects



Direct Object

A **direct object** receives the action of a verb. A **direct object** answers the questions "who" or "what."

Indirect Object

An **indirect object** receives the action of the direct object, answering the questions "to or for whom or what."

The girl **throws** **Mike** **the ball.**
(subject) (verb) (IO) (DO)

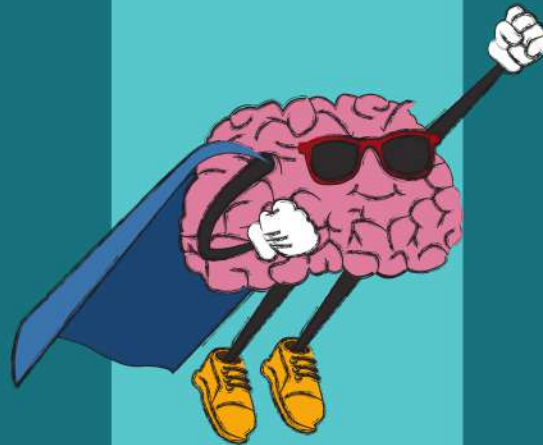
Phonics!



Silent p

In some words, "p" doesn't make a sound.
We call it a "silent p."

coup
cupboard
raspberry
receipt
pneumonia
pneumatic
ptosis



psalm
pseudo
psychiatrist
psychic
psychology
psyllium
pseudonym

Super English

See you
Next time!

