

# GUINNESS WORLD RECORDS

## DISCOVER YOUR WORLD WITH AUGMENTED REALITY



Stuck at home? You can still **DISCOVER YOUR WORLD** virtually! Here, we explore a few of the records held by our amazing planet. All you need is to download the free **AugmentifyIt®** app and hold your phone or tablet over the Earth below, then watch it transform from 2D to 3D before your eyes! Get the latest version of **AugmentifyIt®** from the App Store, Google Play or Amazon Appstore.



### INNER CORE



A super-hot ball mostly comprised of nickel and iron that reaches temperatures of up to 7,200°C (13,000°F) – hotter than the Sun’s exterior! It is the **fastest rotating part of Earth**, spinning out of sync with the surface by as much as 0.3-0.5 degrees per year. That’s around 50,000 times faster than the Earth’s continental plates move apart.

### OUTER CORE



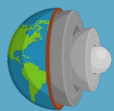
The solid inner core is surrounded by a liquid outer core. It’s predominantly molten metal, such as iron and nickel, along with elements such as sulphur and oxygen. Representing roughly 29% of Earth’s mass, it’s the planet’s **largest liquid body**; by comparison, all the oceans account for just 0.02%!

### MANTLE



A layer of semi-molten rock that is rich with silicon, magnesium and oxygen, though mineral composition varies at different depths owing to changing heat and pressure levels. Accounting for a staggering 84% of our planet’s total volume, it is by far the **largest region of Earth’s interior**.

### CRUST

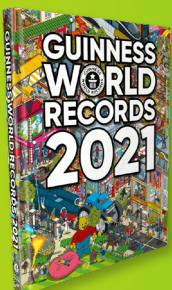
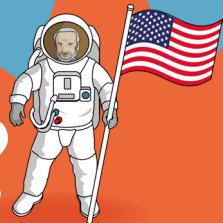
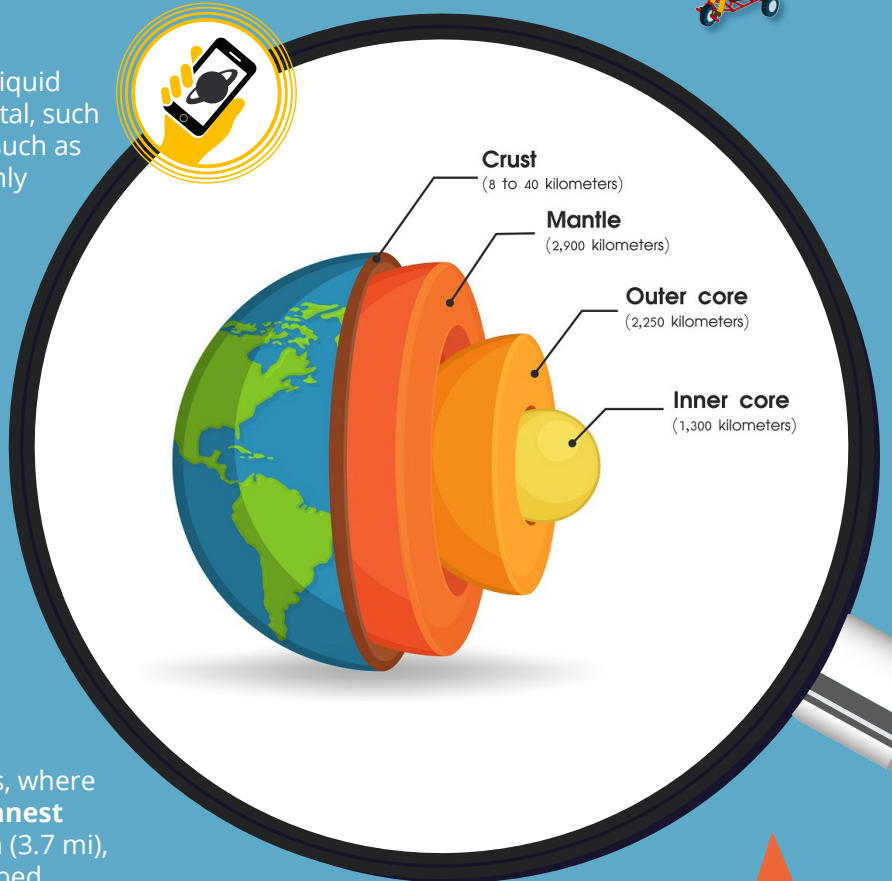


The outermost section is divided into continental and oceanic varieties. The **thickest crust** is found in the Himalayas, where it reaches 40–75 km (25–47 mi). The **thinnest crust**, on the other hand, is a mere 6 km (3.7 mi), found in parts of the Pacific Ocean’s seabed.

### ATMOSPHERE



A mix of gases (aka air) held in place by Earth’s gravity. It extends up to 10,000 km (6,200 mi) above the surface, beyond which space begins. Moving upwards, the main five layers are: the troposphere, stratosphere, mesosphere, thermosphere and exosphere. Stunning aurora light displays – the **highest atmospheric phenomena** – occur at elevations up to 400 km (250 mi) in the thermosphere.



The augmented-reality experience doesn’t end with our home planet... In *Guinness World Records 2021* – out in Sep/Oct 2020 – we have “augmented” the entire Solar System! So keep your devices at hand to discover our cosmic neighbours and their (out-of-this) world records.



Put your new-found earthly knowledge to the test with the quick quiz on the app!

