

## Do flat-Earthers have an answer for why a compass always points north?

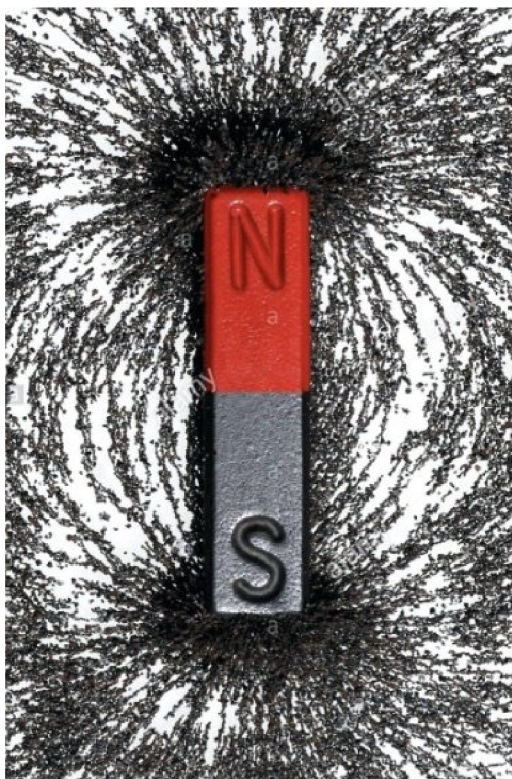


**Michael Brenner**

Studied Mechanical Engineering & Comparative Linguistics at Vienna University of Technology · Updated 4y

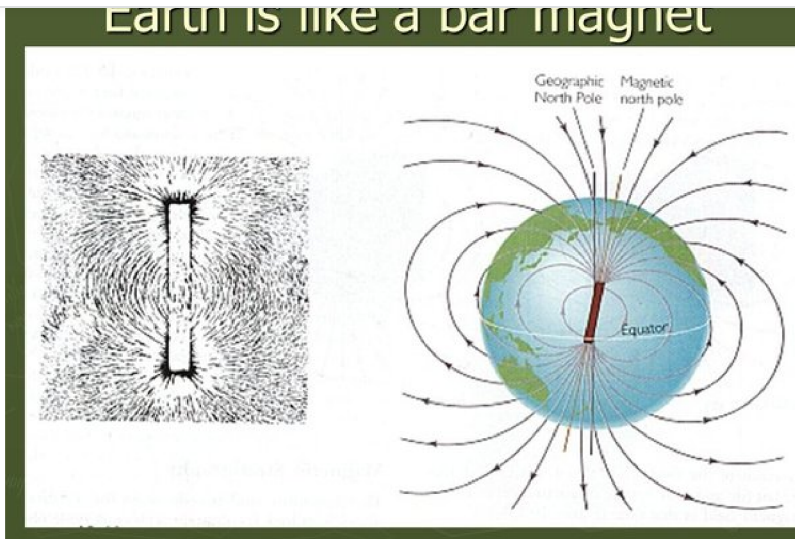
A compass needle may be **“oriented”** towards the north, but that doesn't mean it **“points”** north, because pointing means *pointing at something*, indicating that *there is something*, which the needle does not necessarily do. You would have to independently show that there is in fact something the needle is pointing at, in case of magnetism that would need to be something **“attractive”**.

Attractive poles of a bar magnet - which is what the earth is compared to - would have collected every ferromagnetic particle in the atmosphere for 5 billion years, and therefore the poles would need to show gigantic ferromagnetic mountains, like a bar magnet shows an accumulation of ferromagnetic materials at its poles:



Mainstream claims a spherical earth to be and behave like a bar magnet:

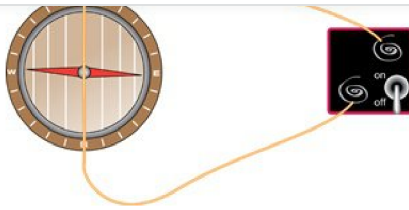




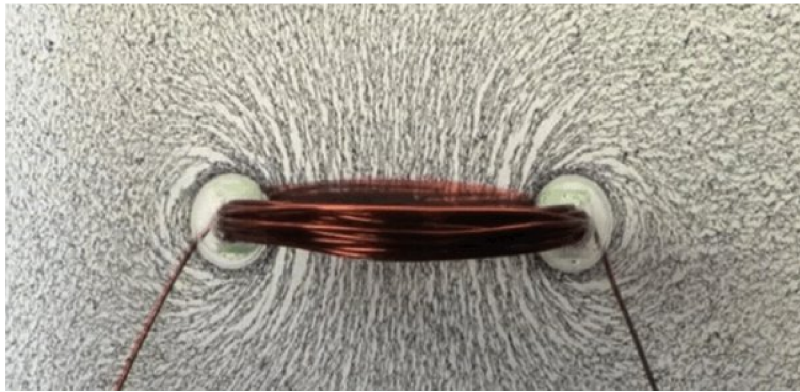
But it doesn't, if these pictures are any indication:



The problem is that mainstream cosmology does NOT take into consideration Electricity, would they, they would know that a compass needle orients itself orthogonally to an electrical current:

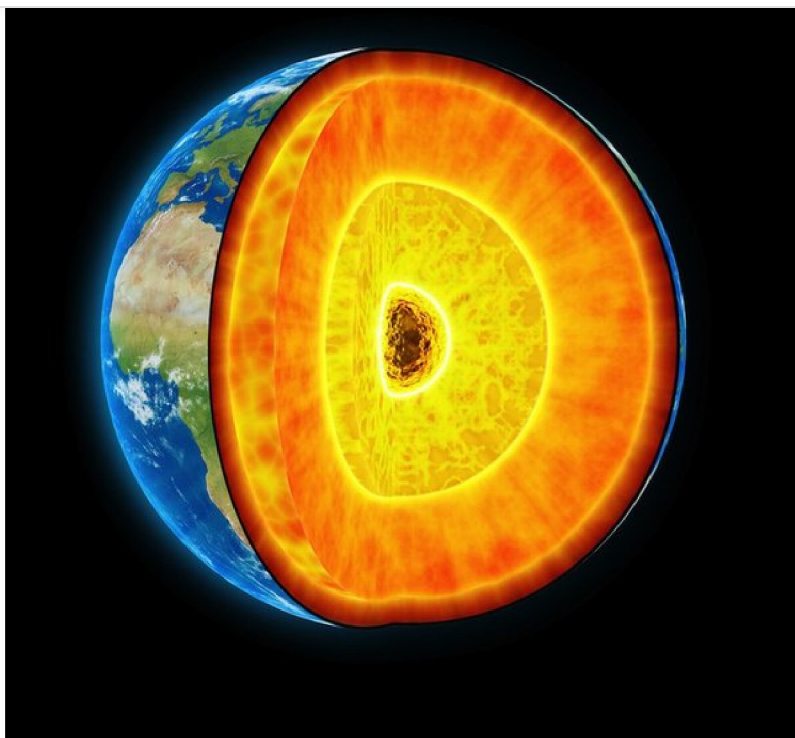


The **Earth** is NOT a *ferromagnet*, she is an **electromagnet**, *more like a solenoid* where N-S oriented needles actually point out an E-W electrical current: if you insert a compass needle below, it would orient itself N-S, but NOT point at anything N-S, because there is nothing.



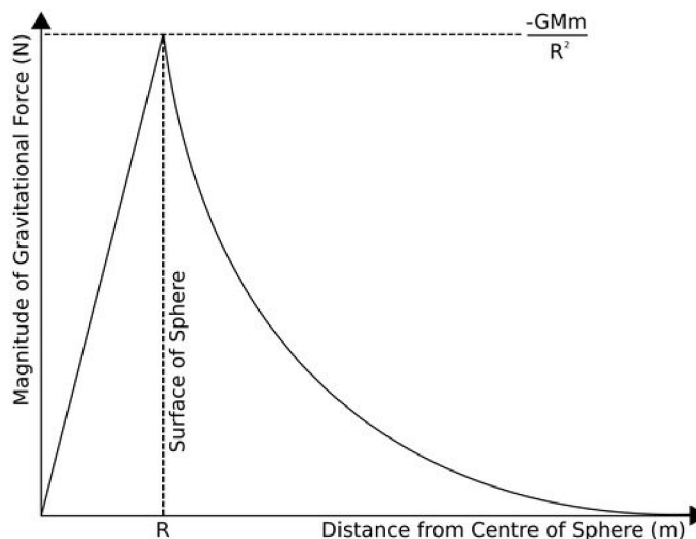
The ferromagnetic earth is a fantasy, which is easily shown with readily available strong neodymium magnets: 1.8kg of such a ferromagnetic piece has a clamping power of 300kg, but its influence doesn't reach very far. That means for a piece of magnet in the category of  $6 \times 10^{24} \text{kg}$  reaching out into space **40,000mi** the flux density and thus the clamping as well as repulsive power at the poles would be something ridiculous, as is illustrated here:

The ridiculous part of a spherical earth model doesn't stop there though, because thinking about an orange with an interior of thousands of degrees covered with ice caps is another of these wild and unsubstantiated speculations around the globe: when looking at the image below, keep in mind that the thin crust is made up of silicates, a miserable thermal insulator, but an excellent thermal conductor, so much so that earth would actually be better insulated with orange peel (0.6 W/mK) than basalt (1.6W/mK) or Granite (2.2W/mK) or sandstone (3.5 W/mK)

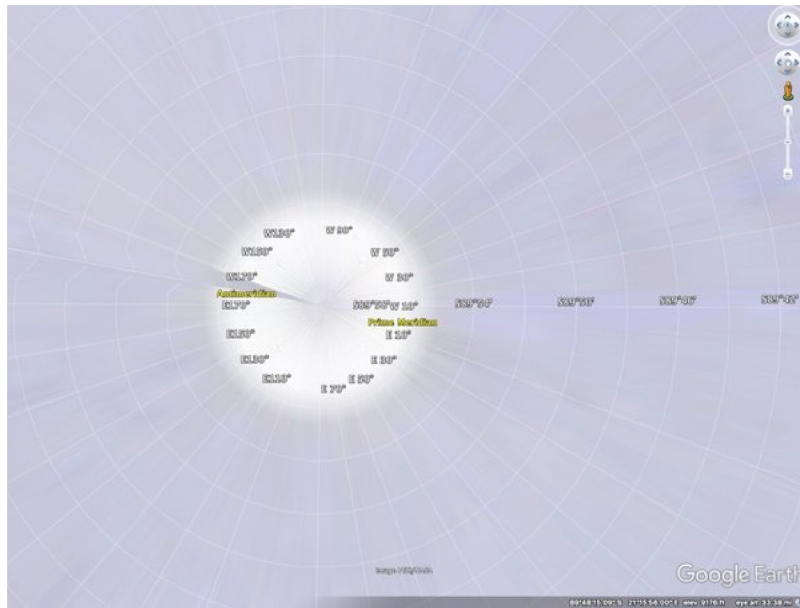
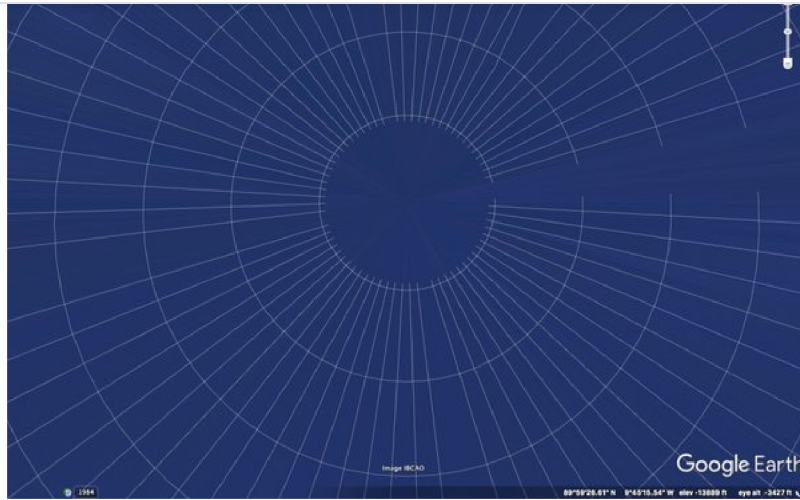


Next nonsensicality is that ferromagnetic materials lose their magnetic power at the Curie temperature, for Iron that is 1043K - way below the speculated temperature at the core of a speculated globe of over 6000K

Next nonsensicality is the notion of iron sinking to the center of the globe, where "gravity" is least? The notion of material "sinking" to the center of a sphere is ridiculous, as the "magnitude of the gravitational force" goes to zero at the center.



Nothing about mainstream globe earth makes any kind of sense including the poles - which are conspicuously as well as inexplicably absent from Google earth:



Here's how ridiculous Google Earth's Pole images look compared to what they can show about other places on earth, like NYC:



Featured In



Kudos to Michael Brenner. Usually his answers have the characteristic of inducing nearly instantaneous migraines in me, but not this one. In this one, he gets to his fallacious assertions rather quickly, and it debunks itself as well.

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**Thomas Gires** · 4y

The problem with Flat Earthers, you just never know if they are believing it seriously, or it's a "sane" person making the most outlandish claims possible to troll the believers. Whichever way, it's good for a laugh!



7

Reply



**James Salonga** · 1y

is there such a thing as psycopathic intellectualism? maybe



Reply



**Michael Brenner** There certainly us something like "pathological science" Pathological...



**D. Charles Pyle** · 4y

A solenoid requires a wire coil. Earth is not a solenoid. The entire foundation of your premise undercuts itself.



5

Reply



**Michael Brenner** · 4y

It does NOT need a wire coil, it needs a current, which we humans can engender using a wire coil, but nature has her own ways, ways which in a scientific world of Newtonian billiard ball physics are totally under-researched and unacknowledged.



Reply



**D. Charles Pyle** Dictionary definition:so·le·noid ['sōlə,noid, 'sälə,noid] NOUN a cylindrical co...



**Walter Brameld** · 4y

This is hilarious :). Do one about rockets! Tell us about how they can't work in space because there's no air to push against :)



4

Reply



**Hugh Torrance** · 4y

Michael Brenner and possible troll or another silly sausage Gene Ecke. Well done lads for thinking this Quora topic had any touch with reality. I suggest you look at Google Earth (for a start) and have a look at Antarctica where, surprise, surpris ([more](#))



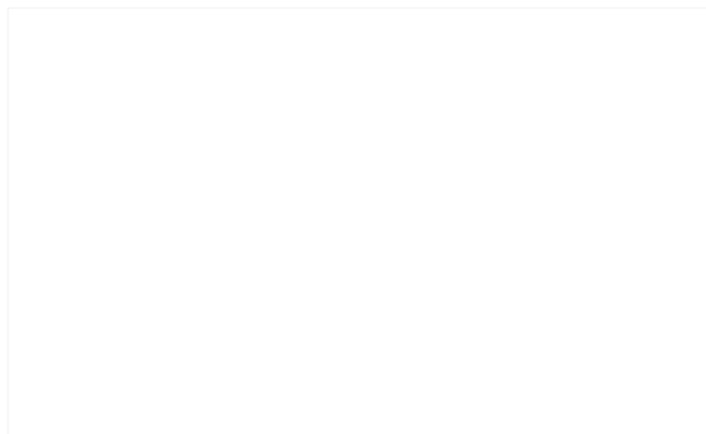
3

Reply



**Michael Brenner** · 4y

Uncritically parroting text book lore without thinking and without applying basic physics does NOT make an argument. There is no reason and no physical support for a "hellishly hot" solid iron core, because the "crushing pressu ([more](#))





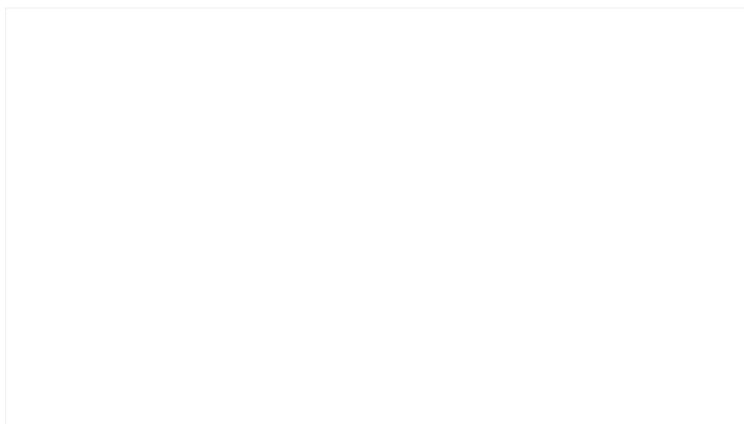
2 Reply

**Hugh Torrance** Uncritically thinking that you know a lot more than actual trained and learn...



**Gene Ecke** · 4y

**Michael Brenner and possible troll or another silly sausage Gene Ecke**



Reply



**Gene Ecke** · 4y

You don't give an answer to the question, which is a foolish one to start with.

Nevertheless I enjoy that you always reveal the falacies of our current official description of "reality".

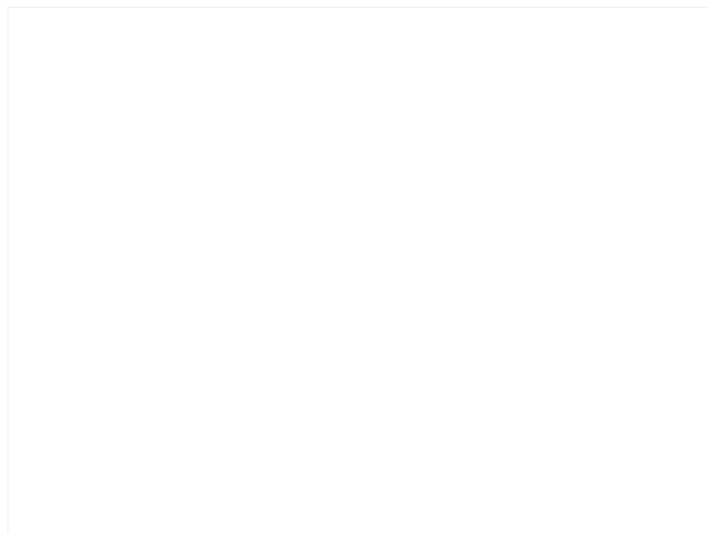
So, which would be your model? How does this works to your understanding?

2 Reply



**Michael Brenner** · 4y

Well, you have to first totally let go of all the images imprinted in your mind by a life of exposure to nonsense. One of the most primitive - yet most solidly stuck - fallacies is the notion of a gaseous envelope transitioning into a v. [\(more\)](#)



Reply

**Hugh Torrance** Here we go again. You have many claims and no proof whatsoever to your...

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**About the Author**



Studied Mechanical Engineering & Comparative Linguistics at Vienna University of Technology

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