

If you can, I'd like you to pick something up, preferably not something heavy, then hold it out in front of you and let it go. I'd ask you what happens, but everyone knows what happens. It falls to the ground, or the table, or whatever you held it over. Let's consider that last part, "whatever you held it over". What if you held it over a hole? Well, it would fall to the bottom of the hole. How about if you held it over a really deep hole? Same thing. Now comes the good part; what if you held it over a really, really, really, deep hole? One that went clear through the earth and came out in China! Assuming such a thing were even possible, what do you think would happen? Here's what I think would happen; the object would fall and continue falling until it hit the exact center of the earth, then it would stop. Why would it do this? Well one explanation is that as it passed the center it would feel the effects of gravity pulling it back toward the center. Makes sense right? I mean we've all felt gravity's pull before. But I would like to offer a different explanation, one you probably hadn't thought of. What if, when you let go of the object, the object wasn't being "pulled" toward anything? What if the object was instead running "away" from something?

As it turns out, that is what is actually going on. You see the object you held is indeed traveling away from something. The same thing that every single other object in the entire universe is traveling away from. That something is "The Big Bang". Everything, including the earth we live on is traveling away from one specific place and time. They are all trying to go away from it as quickly as possible, which usually means in a straight line away from it. But the problem is, the Earth has bent the path that the object is traveling along. It has bent it towards the center of the earth. Once the object reaches the center, the path is no longer bent. But here's the interesting part, the object is still "falling". Only now it's path is aligned with the earth's path and they are both traveling together. The universe is filled with these bent paths. The sun has bent the paths for all the objects in the solar system. And the galaxy in turn has bent that path. But they all lead away from the same thing; The Big Bang.