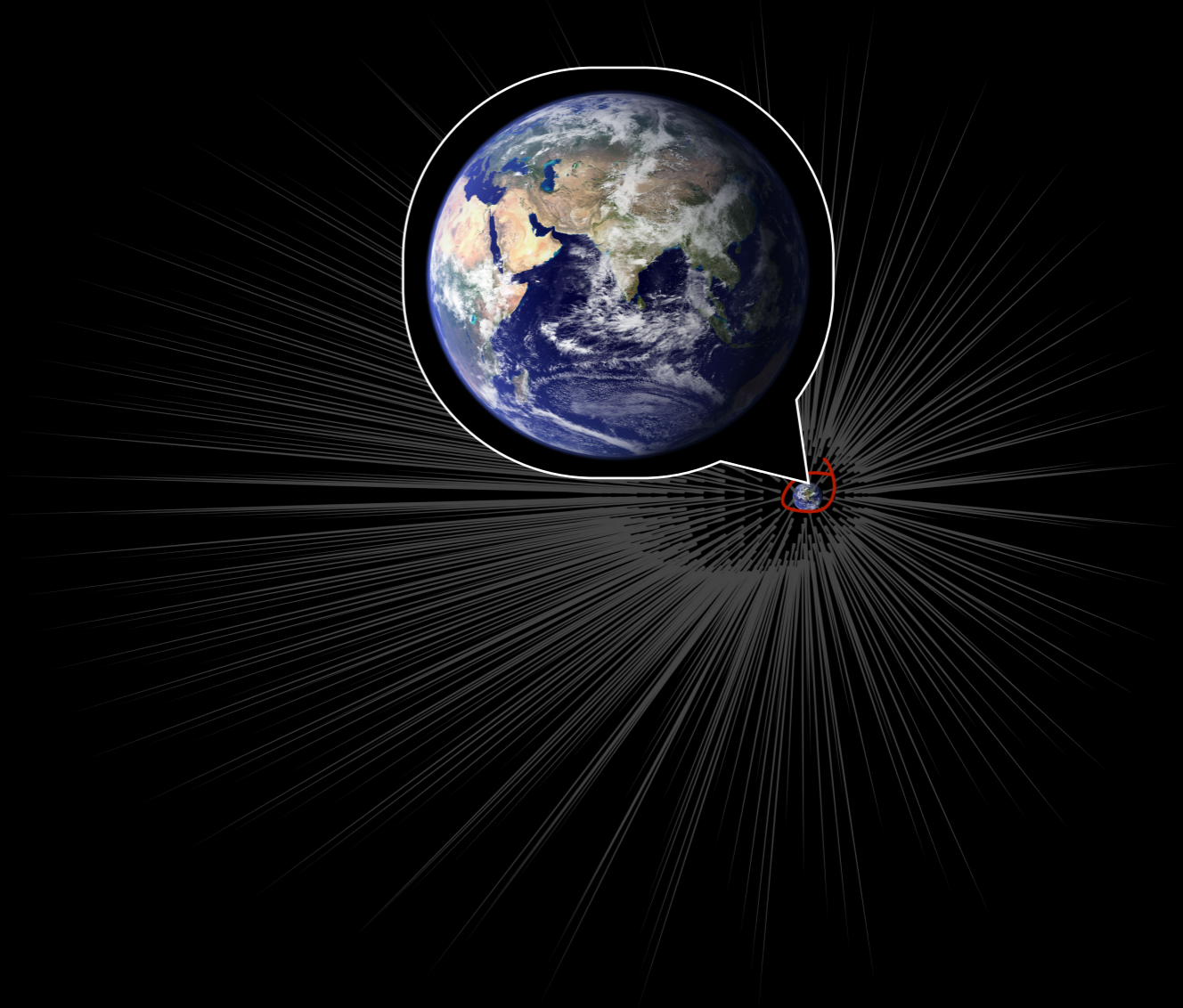


HELLO EVERYONE. MY NAME  
IS MELANIE. TODAY I WILL BE  
TALKING ABOUT

SPACE

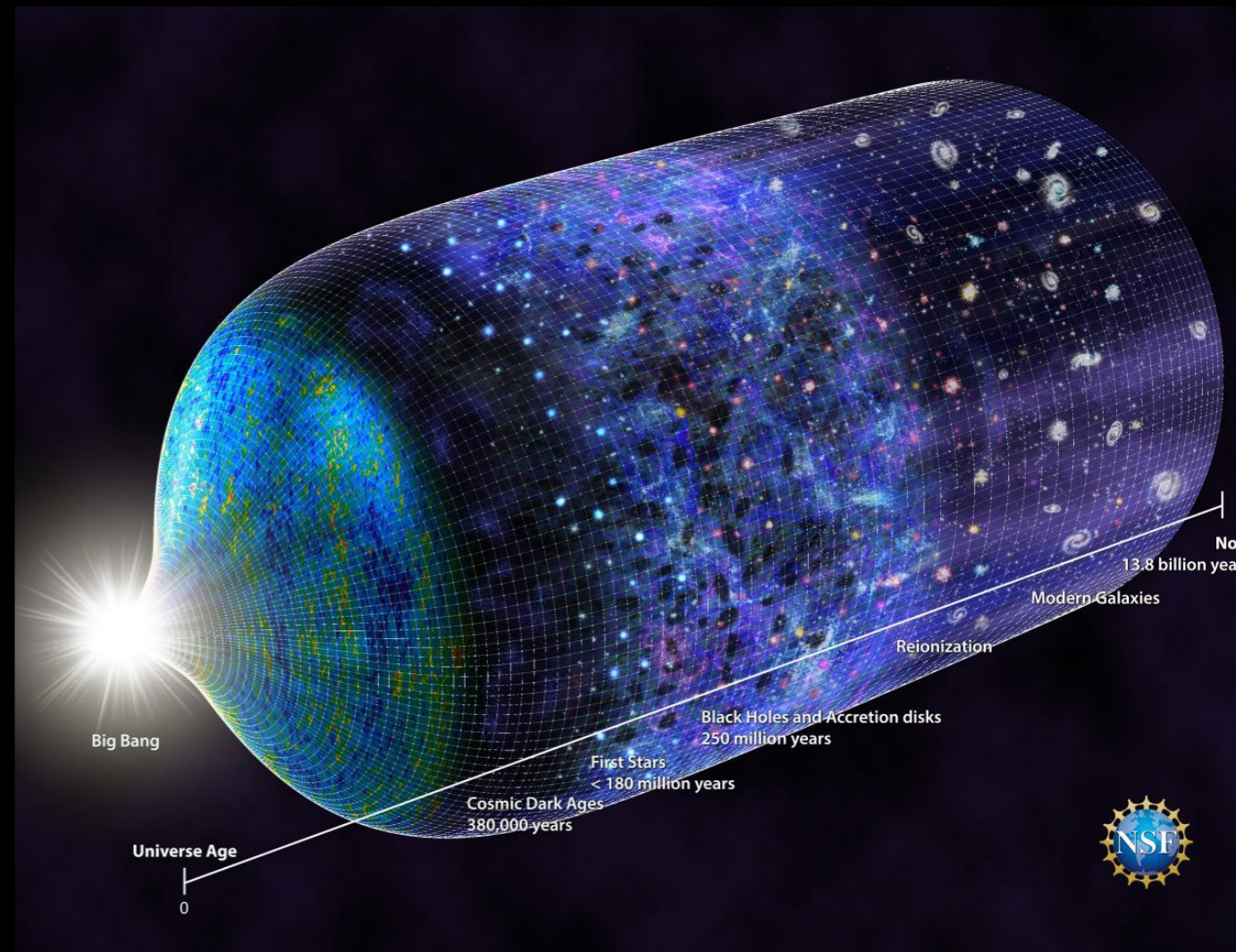
# WHAT IS SPACE?

- Space is a big mystery. But we don't know 100% about space. Some people say it is everything and some people say it is nothing. But we know most things in space is dark matter. It is everywhere but we can't see, touch, and smell it.



# WHAT MADE SPACE AND THE UNIVERSE?

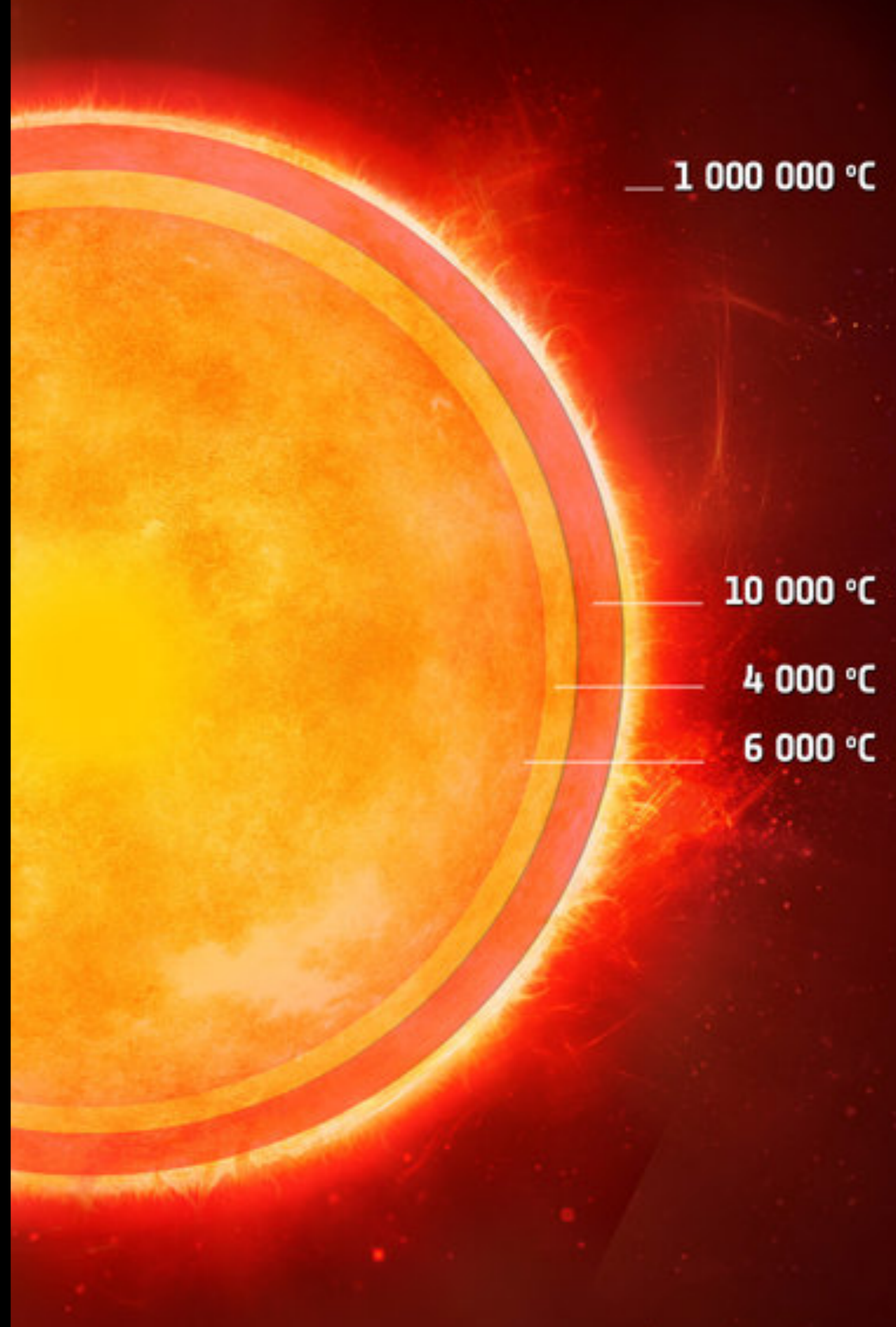
- Some people believe there was a huge explosion about 14 billion years ago, called the Big Bang. This huge explosion made space and the universe.



# A FACT ABOUT THE SUN.

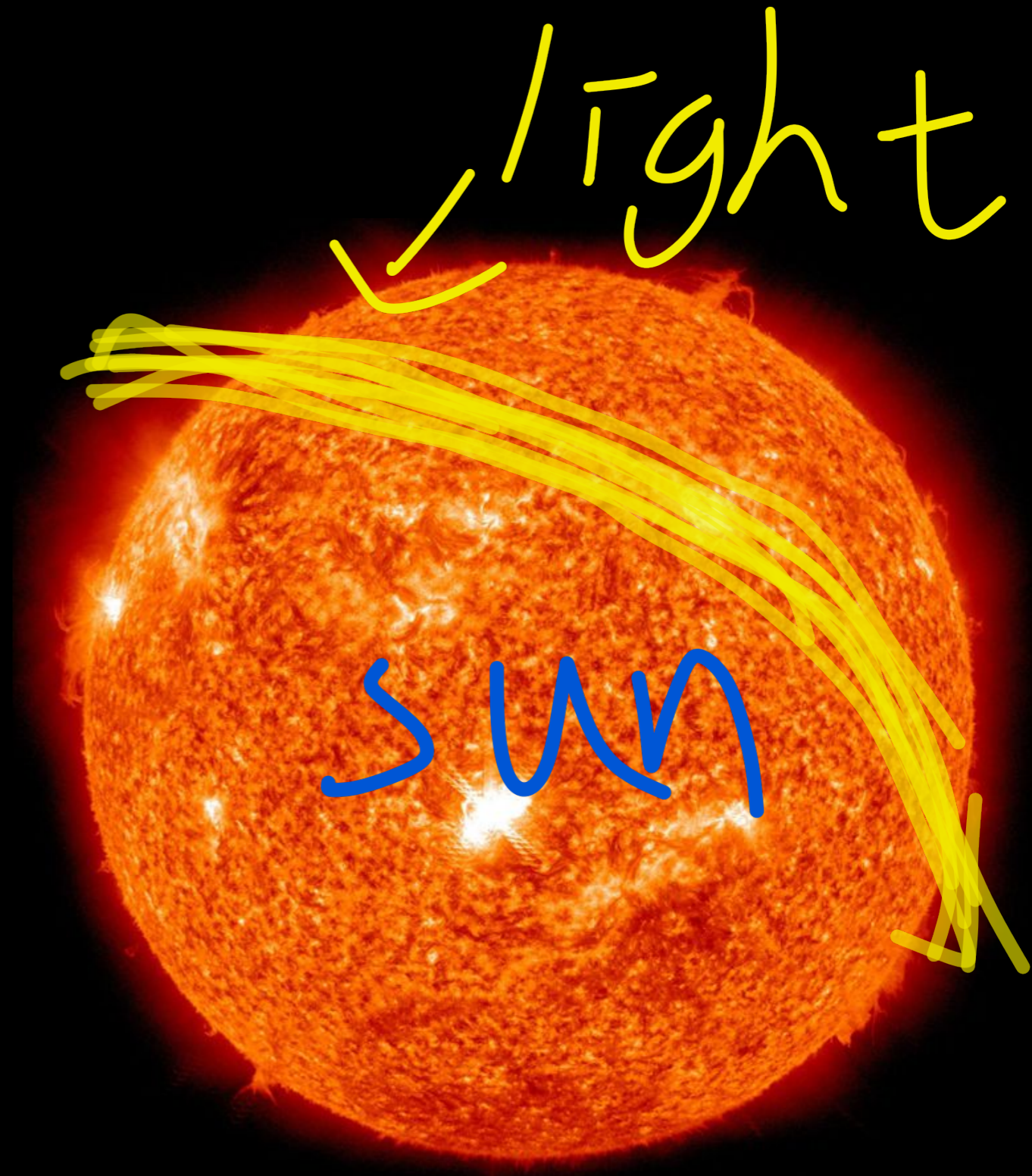
- With most planets the middle is hotter than the surface, but the Sun is different.

IT IS LIKE THIS



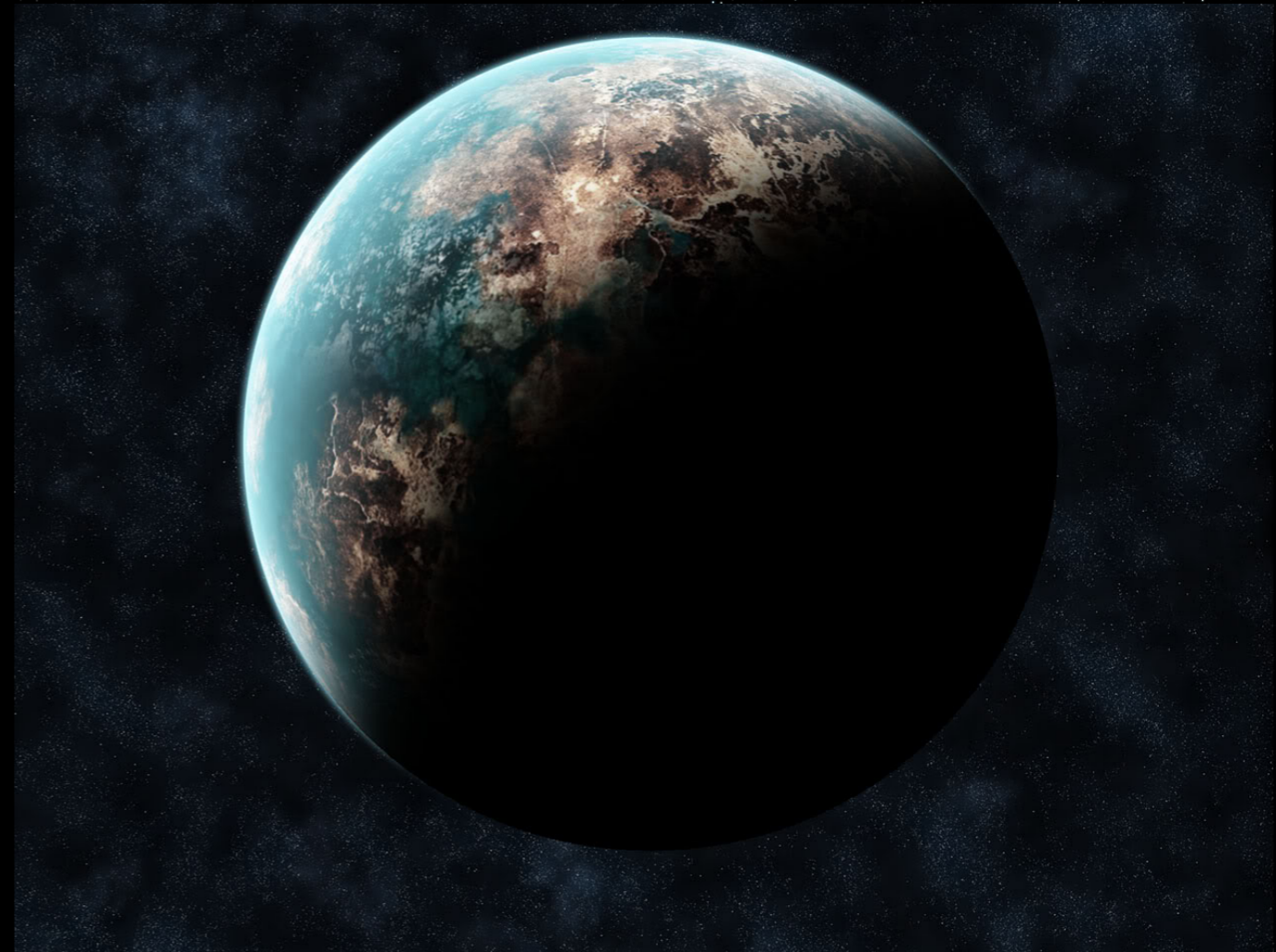
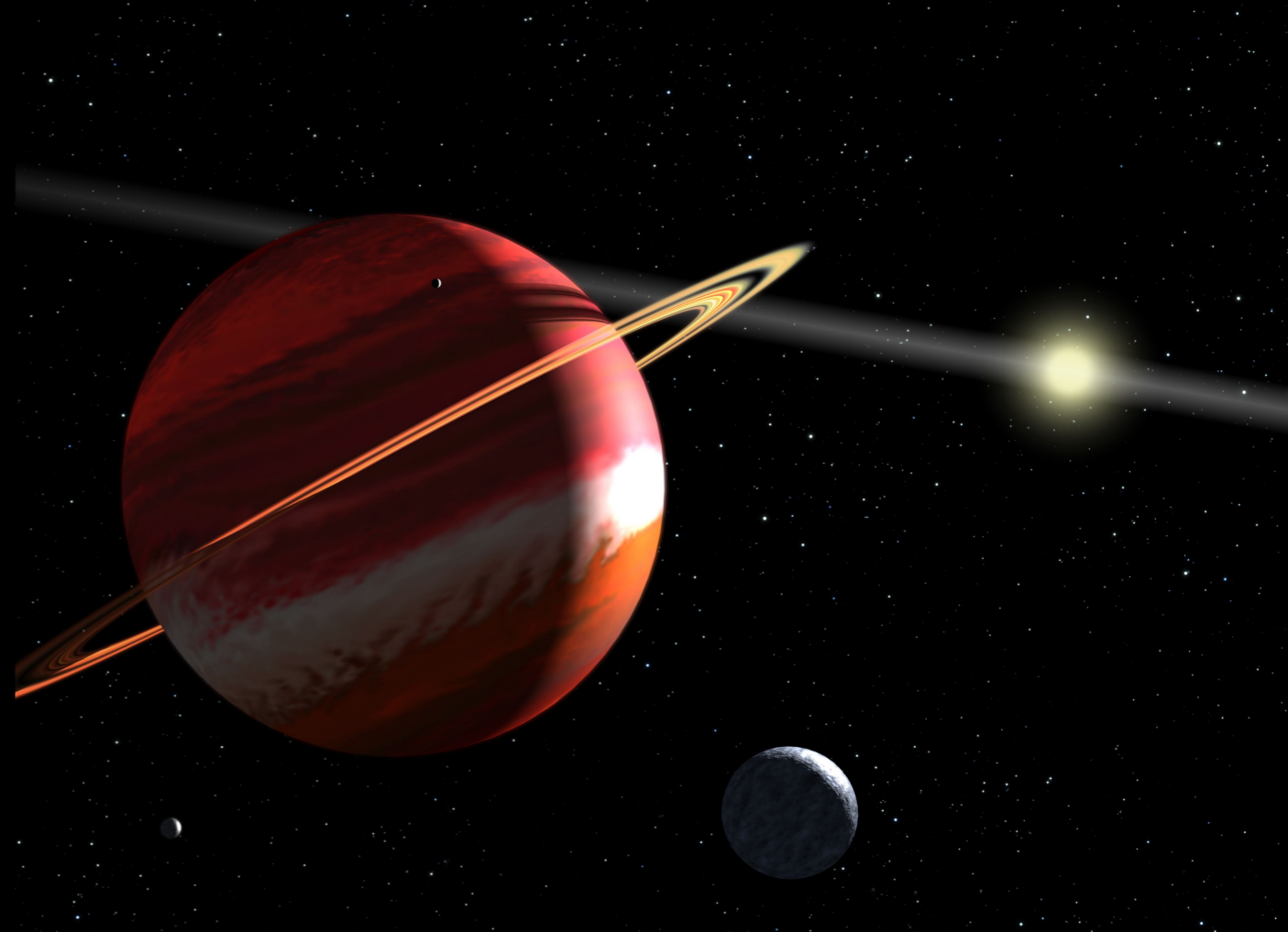
# GRAVITY ON THE SUN.

- Gravity does not affect light on earth. But there are some planets like the Sun where it does have an effect.



# PLANETS OUTSIDE OUR SOLAR SYSTEM.

<ul style="list-style-type: none"> <li>• Methuselah</li> <li>• 13 billion years old</li> <li>• Discovered: 1993</li> </ul>	<ul style="list-style-type: none"> <li>• Epsilon Eridani</li> <li>• Discovered: ?</li> </ul>
<ul style="list-style-type: none"> <li>• Most sun/ second sun</li> <li>• Discovered: 2003</li> </ul>	<ul style="list-style-type: none"> <li>• Habitable Zone</li> <li>• Discovered: 1998</li> </ul>
<ul style="list-style-type: none"> <li>• Hot Neptune</li> <li>• Discovered: 2004</li> </ul>	



# BLACK HOLES.

- Discovered by Stephen Hawking.

- You may think a black hole sounds like a cleaning machine that brings things in. In fact a black hole has very strong gravity that sucks everything in, not even light or photons can escape.



# COULD WE MAKE ANOTHER SPACE OR UNIVERSE?

- CERN wanted to imitate the origins to create a new space or universe. But some people didn't agree so they stopped trying to do it.

