Black Hole Report

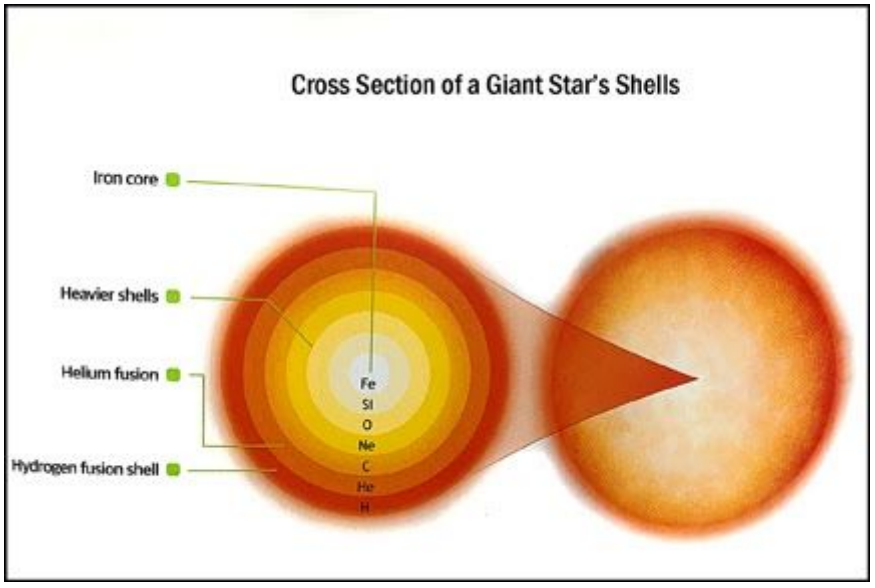
Creation of a Black Hole

For those who are unfamiliar with black holes and how they are made, here is a brief reminder.

Black holes started forming in the early universe before galaxies were made.

The early universe had a lot of raw material that quickly turned into giant stars.

When these giant stars ran out of hydrogen fuel they started to fuse helium atoms.



A giant star has shells made of various atoms and stops at iron.

The fusion process continues with heavier elements until the star's core is mostly iron.

The fusion of iron isn't possible so the star has run out of fuel and it causes a supernova reaction.

The outward nuclear fusion in the star's core was in balance with the inward force of gravity holding the outer layers of the star from falling into the core.

When the star stops exploding its fusion (bomb) energy outward the force of gravity pulls the outer layers of the star towards the center iron core.

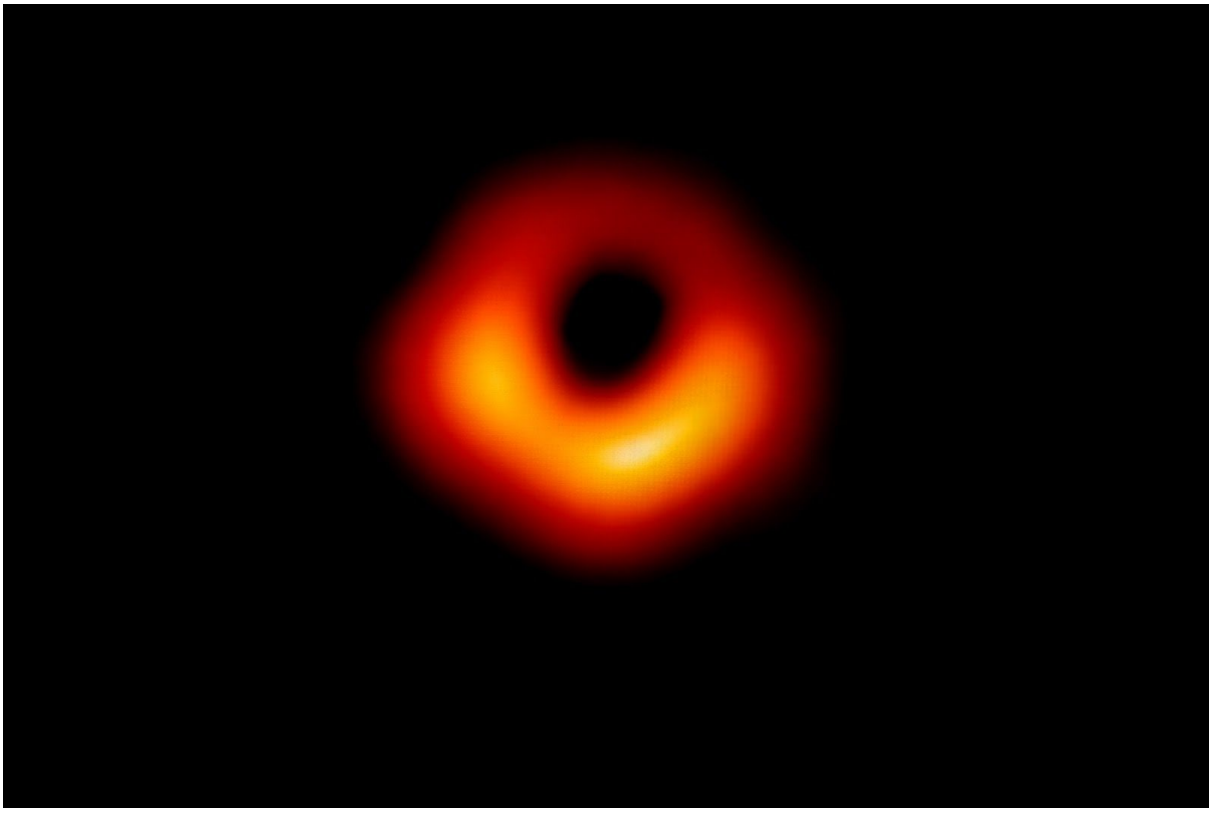
This (inwards) implosion reaction of matter hits the iron core at speeds up to 23% the speed of light. This sets off a supernova explosion that creates a black hole.

The process is the most powerful reaction in the universe as the nuclear supernova explodes sending most of the star's outer material into space.

During this explosion, many of the heavier atoms in the periodic table are formed when the star's material is ejected into space.

The explosion also has an equal and opposite force inwards to the iron core of the star. And, on top of that, the iron core collapses inward when the fusion reaction stops.

The result is that these two massive forces act together creating a black hole. Think of it like hammering a spike into the fabric of spacetime itself.



This is the first real photo of a black hole, released in April 2018.

What is a Black Hole

A supernova creates a black hole and the force of gravity is so strong that it baffles us.

Consider that the giant star was massive perhaps more than 6 billion times larger than our sun.

After most of the outer layers are blown away into space the iron core has a much smaller size and with less mass, than it had.

Then why does the black hole have so much gravitational force that not even light can escape?

What happens is the iron core collapses in on itself by the pull of gravity and it turns into a very small mass with the same amount of gravity but focused into a smaller area.

Remember that during the iron core-collapse, the force of the exploding supernova also exerts an equal force into the iron core.

What seems to happen is that there is so much energy created that a phase transition occurs.

What I mean is the material transitions into a form of higher frequency matter that enters or opens into another energy level, like a different dimension of the universe.

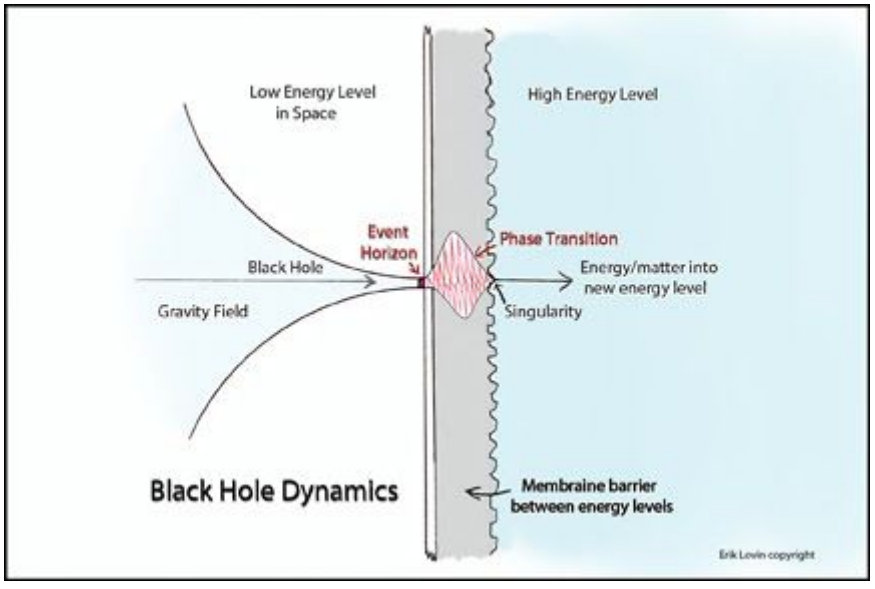
A disclaimer is needed here. This other dimension isn't inside our 3rd dimension because every dimension is separated from each other by an energy membrane.

A brief lesson on phase transitions: Each time matter changes into a different form it needs extra energy to transition between phases.

For instance when ice transitions into water, water into a gas, or gas into a plasma there is an energy barrier between the phases of water.

You could think of these energy barriers between phases similar to energy barriers between dimensions.

A Black Hole then is really like a hole or a portal held open into another energy dimension. Let me explain in detail and examine this diagram to get more info about this theory.



A Black hole has created a hole into another energy level of space.
After the event horizon which is the point of no return, a phase transition
Takes place and sends the energy into the next level in space.

The membrane between levels keeps energy levels normally separate from each other but gravity is a long-range force and is able to “leak” into our dimension.

Other Dimensions Exist

If you are skeptical about other energy levels or dimensions let me ask you. Where do you think the Big bang came from? If we call dimensions as “different energy levels” it’s easier to understand, instead of calling them different dimensions.

But the universe is 13.8 billion years old and it started at the big bang event. The start of the universe is proof that other dimensions exist.

You can’t build a universe from inside space and definitely not from nothing.

If you think that the universe sprang out of space as a quantum fluctuation or something like that...

Then, tell me where did the energy come from to create the initial universe? You can’t escape the fact that there is a source that created the universe.

That source must be in a different dimension or realm that’s in a nonphysical dimension with unlimited energy and intelligence.

We have a mini example of a similar kind of energy moving into a different dimension using black holes.

The Big bang sent energy to make the entire universe, while black holes send energy into another energy level dimension.

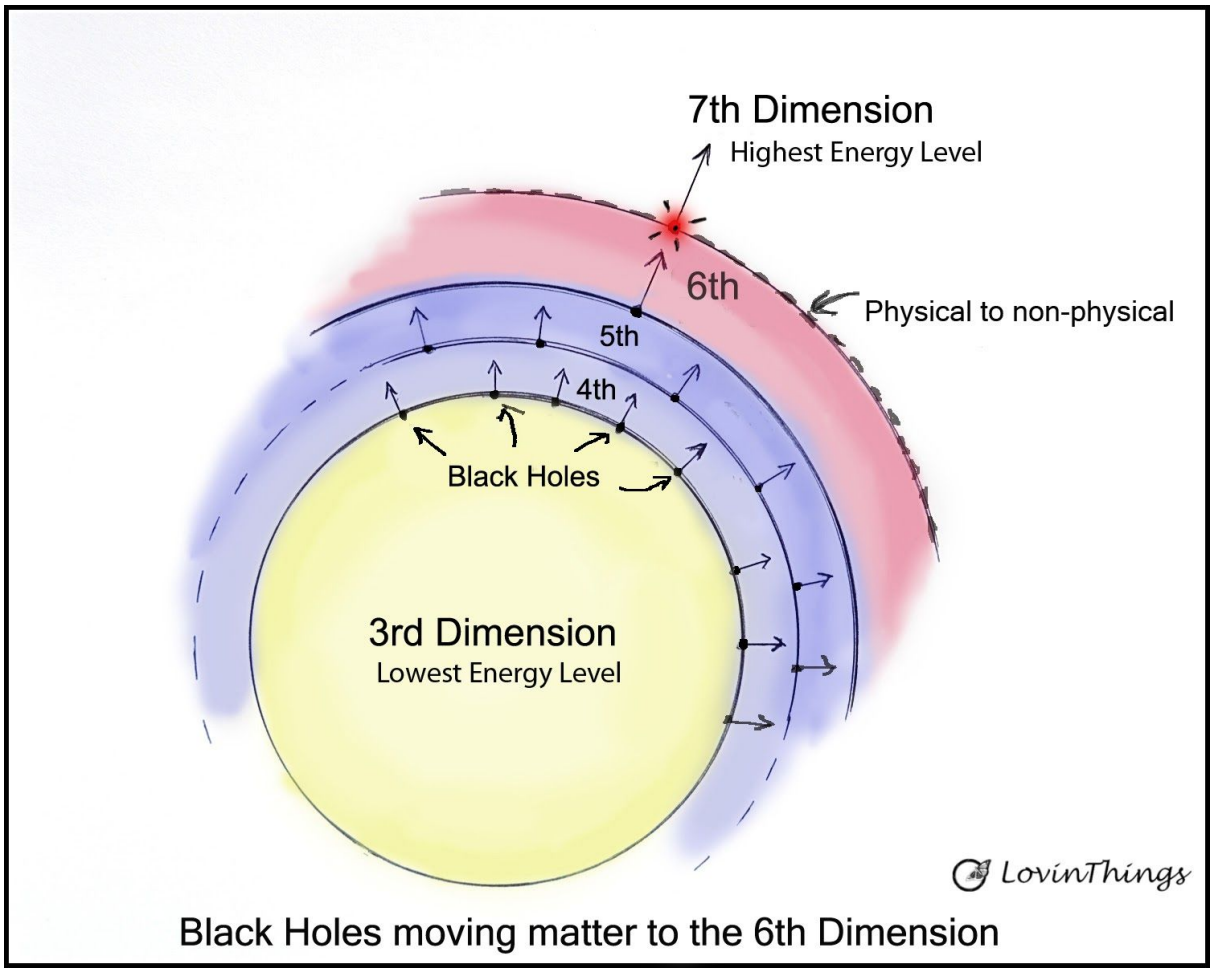
The proof is in the amount of matter in the 3rd dimension. Our dimension only has 5% of the total mass and energy of the universe. Where is the other 95%?

You see black holes have a massive amount of gravity and gravity comes from mass. Since we only have 5% of the total mass how can the extra mass be here or inside black holes?

If the mass was inside black holes it would register as being 100% in our dimension.

The only solution is that black holes are actually portals into another dimension. Matter falls into black holes and comes out of white holes inside the other energy level.

What is the mystery energy dimension that has most of the matter?



Black Holes moving matter to the 6th Dimension

Black Hole's Dark Dimension

My realization that matter falls into black holes but it doesn't stay inside the black hole leads me to the next aha moment.

It means that the massive gravity coming from Black holes is actually coming from somewhere else, namely from another energy dimension.

Black holes then must be a portal or opening into another energy level and the strong field of gravity leaks out from the portal opening into our dimension.

Now for the moment, you've been waiting for… the matter going into the other dimension is what we have been calling dark matter...

That's why we can't find dark matter in our dimension.

Dark matter is the ordinary matter that has gone into the next energy level and we can feel the long-range force of gravity coming from there.

The long-range force of gravity is the reason why our dimension is expanding and accelerating even faster towards that other level.

As more and more matter leaves our dimension we are feeling a stronger attraction towards the other more massive dimension.

Black Hole Properties

The Purpose of Black Holes

The Universe needs these Black holes because they are responsible for creating galaxies.

Most of the matter that was ejected from a star's supernova is used to make new stars and planets which form around the massive gravity coming out of black holes.

Also, black holes increase the entropy of the universe by changing ordinary matter into higher frequency matter that moves into higher energy levels in the evolution of the universe.

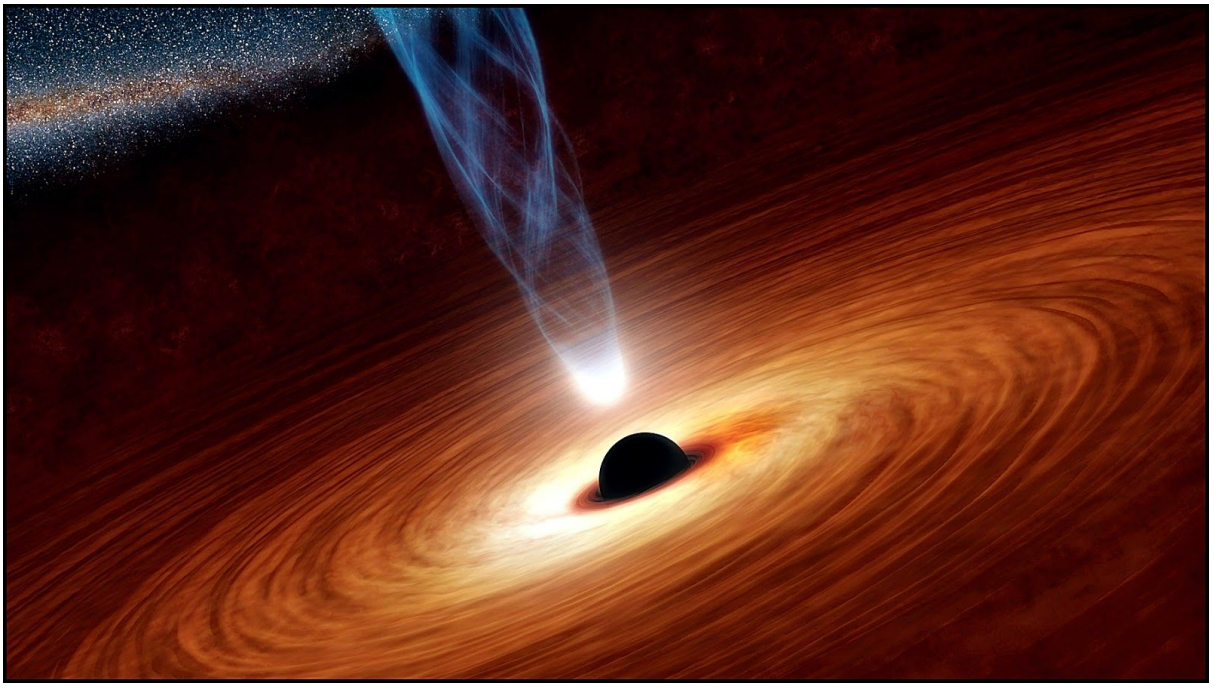
The Event Horizon

The size and thus the strength of black holes is determined by the size of the event horizon.

This is a circular region around the black hole that is said to be linked to the speed of light so that any object including light can not escape the region past the event horizon.

However, the real reason light can't escape is because the portal is a one-way passage.

Matter including light can only move into the portal and into the next dimension, nothing can come back out except the force of gravity which doesn't have mass.



Artist's view of the event horizon is the black ball area representing the area of no return.

Time Dilation

Time dilation is caused by being near a strong field of gravity.

The science-fiction definition means that if we could see a spaceship falling towards a black hole it would seem to happen in slow motion.

The ultimate truth about time is that motion isn't affected, only the clock's time will change. I invite you to read the report on time here.

The truth is that motion happens at light speed for the spaceship and we wouldn't see any of it taking place because black holes are millions of light-years away from Earth.

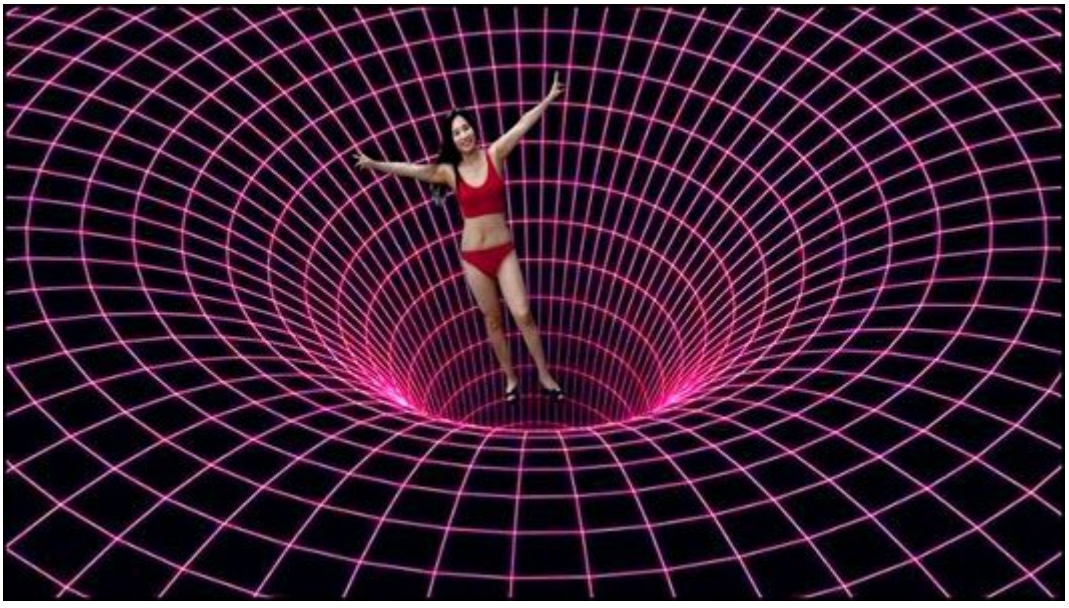
Spaghettification

This is mostly a science fiction theory made up by Stephen Hawking.

The theory suggests that the force of gravity is stronger the closer you are to a singularity inside the black hole.

He goes on to say if an astronaut falls into a black hole he will be stretched and pulled apart during his death because the force of gravity on his feet is much stronger than at his head.

Stephen had a vivid imagination with a lot of humor. The fact is black holes are thousands and millions of light-years away so we would never reach them.



The body falling into a black hole gets stretched like in spaghettification

Hawking Radiation

In 1974 Stephen Hawking announced in a seminar that a black hole could lose energy by black body radiation and get smaller and eventually vanish.

This has not been the case since more matter falls into these holes constantly. Until finally there is no more matter left in the 3rd dimension.

Hawking radiation doesn't exist because A black hole isn't like a black body that can radiate energy.

Scientists are still confused by the math and energy of black holes because they don't believe that other dimensions exist. (mainly because we can't see into black holes).

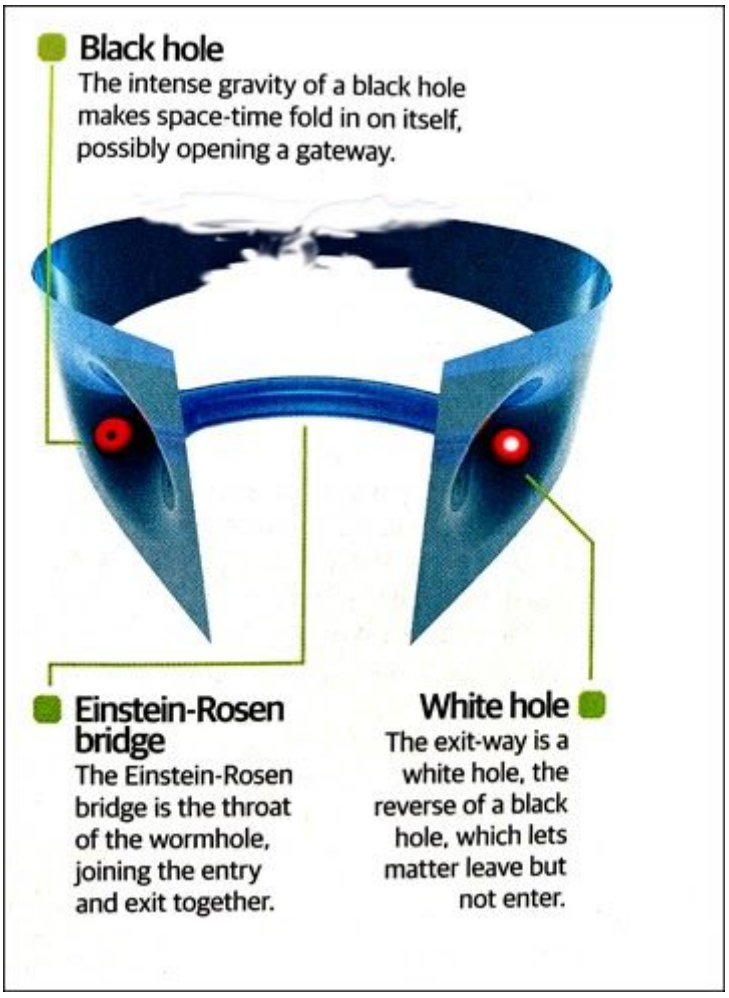
Black and White Holes

A black hole appears completely black because light can't come out of the event horizon.

A white hole is the other end of the tunnel or portal that goes into another dimension.

If we were in that other dimension we would see a bright light in the sky with streams of light flowing out of it.

But if all the matter was already in that other dimension the white holes would close and new black holes would start. The evolution of matter continues.



The Einstein-Rosen bridge shows how a theoretical black hole
Is connected to an exit white hole.

Inside Black Holes

We can't see into black holes because it's a one-way door into an energy barrier.

If we could see into a black hole what would we find inside?

The super-strong field of gravity means that nothing can be seen.

However, the inside is a phase transition portal that has cracked a hole into another level of existence.

The only energy inside is gravity since we know that matter (dark matter) can't be in this 3rd dimension which has less than 5% of the matter remaining.

During a phase transition, we can't observe the transition. For example, when ice turns to water we either have ice or water.

The transition phase area is regulated by the amount of matter and energy that separates the phases.

The End of Time

Time is the measurement of motion that came and started with the Big bang event.

The end of time in our physical universe will happen when the motion of energy goes back to the source dimension of the universe.

That event will be almost like the reverse of the Big bang.

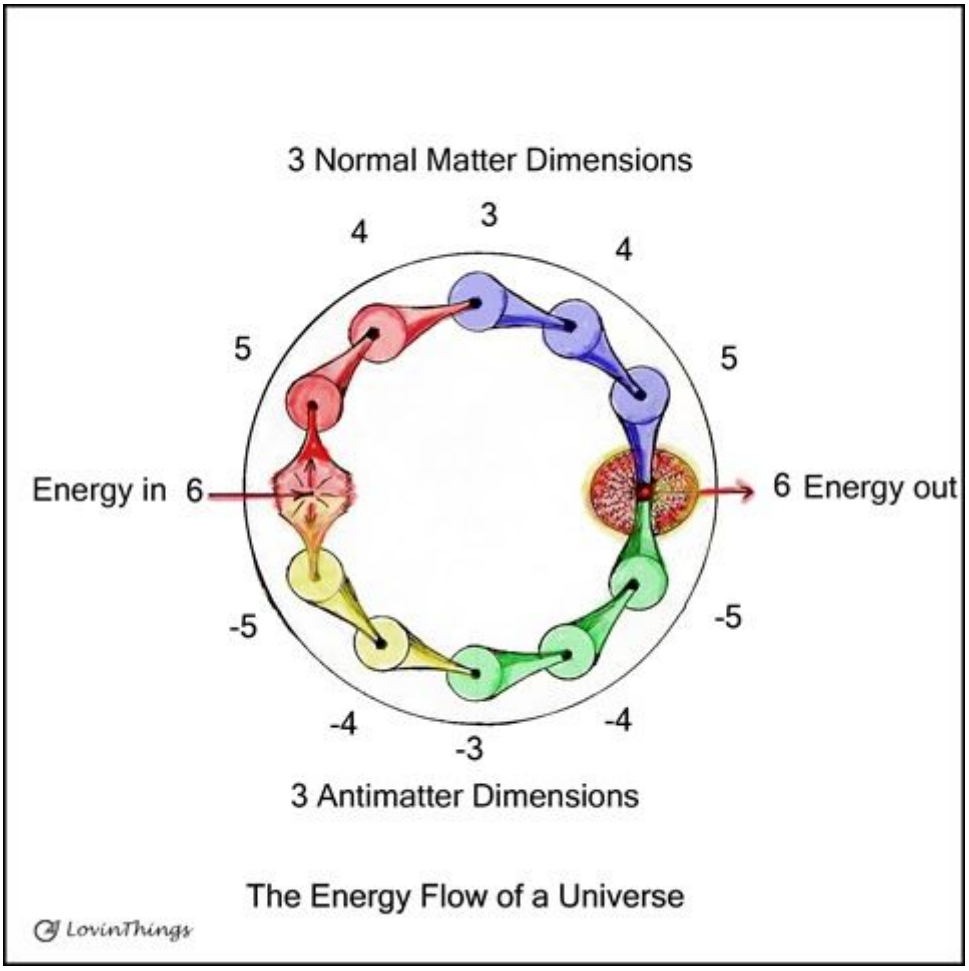
When the antimatter dimension meets our 6th dimension they will annihilate each other.

The force will push past the phase barrier separating the physical from the nonphysical.

All the energy goes back to the source that created the universe and time ends for our universe.

Our universe is possibly at a mature age and approaching old age. We might only have about 3 billion years left in this universe.

Where will we go when our time has come to an end?



This drawing represents the flow of energy from the Big bang event in the 6th dimension where matter and antimatter separated into parallel dimensions and meet again in the 6th dimension to annihilate each other and return the total energy back to the nonphysical 7th dimension.

Final Thoughts:

Black holes hold a major part in the evolution of the universe. Although everything is important and necessary in its own way because none of its parts are useless.

Consider that the early black holes formed while supergiant stars were creating the necessary molecules to make planets to start the beginning of life.

The first giant black holes formed the central point of gravity that was necessary for galaxies and planets to exist.

All along the way, black holes are constantly moving matter into higher dimensions to finally bring the energy back to where it started. Wow-what an amazing movement of matter/energy!

The final Big bang ends the universe because of the important work that was done by black holes and dark matter.

This was the ultimate and newest information about black holes. I hope it answers the questions that you had.
I have more new information about the universe and our purpose in life coming to my blog each week.

I appreciate your support, please share if you found this helpful.

Stay tuned and stay subscribed to follow me so you don't miss any of this exciting information.

Thank you for your time and as always be well.
Erik at Science of Cosmology https://lovinthings.com