


Hi there! Who are you?

Hi! I'm a black hole.
I'm a special place in
space where gravity is
incredibly strong.

Gravity?
What's that?


BLACK HOLE

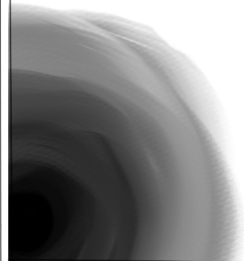




Gravity is what keeps you and all
the other objects in space from
floating away. It's what keeps our
world together. And in my case,
it's so strong that not even light
can escape me.

Whoa!
That's
intense.
How did
you become
a black
hole?

When a star gets old,
it can collapse and
become a black hole.
And some black holes
can be as heavy as
several million suns
put together!





Several million suns?!
That's crazy. How do
black holes form?

Scientists believe that the smallest black holes were formed when the universe began. Stellar black holes are formed when a huge star dies and its center collapses. This causes a big explosion called a supernova. And supermassive black holes are thought to have formed at the same time as the galaxies they are in.

I see.
Can we see black holes?

No, we cannot see black holes directly because they don't give off light. But scientists can detect them by observing how nearby stars and objects behave around them. Some really strange things happen around black holes that are hard to explain, but they are a real and fascinating part of our universe.

Wow, you're really
interesting! Thanks for
telling me all about
black holes.

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BLACK HOLE

