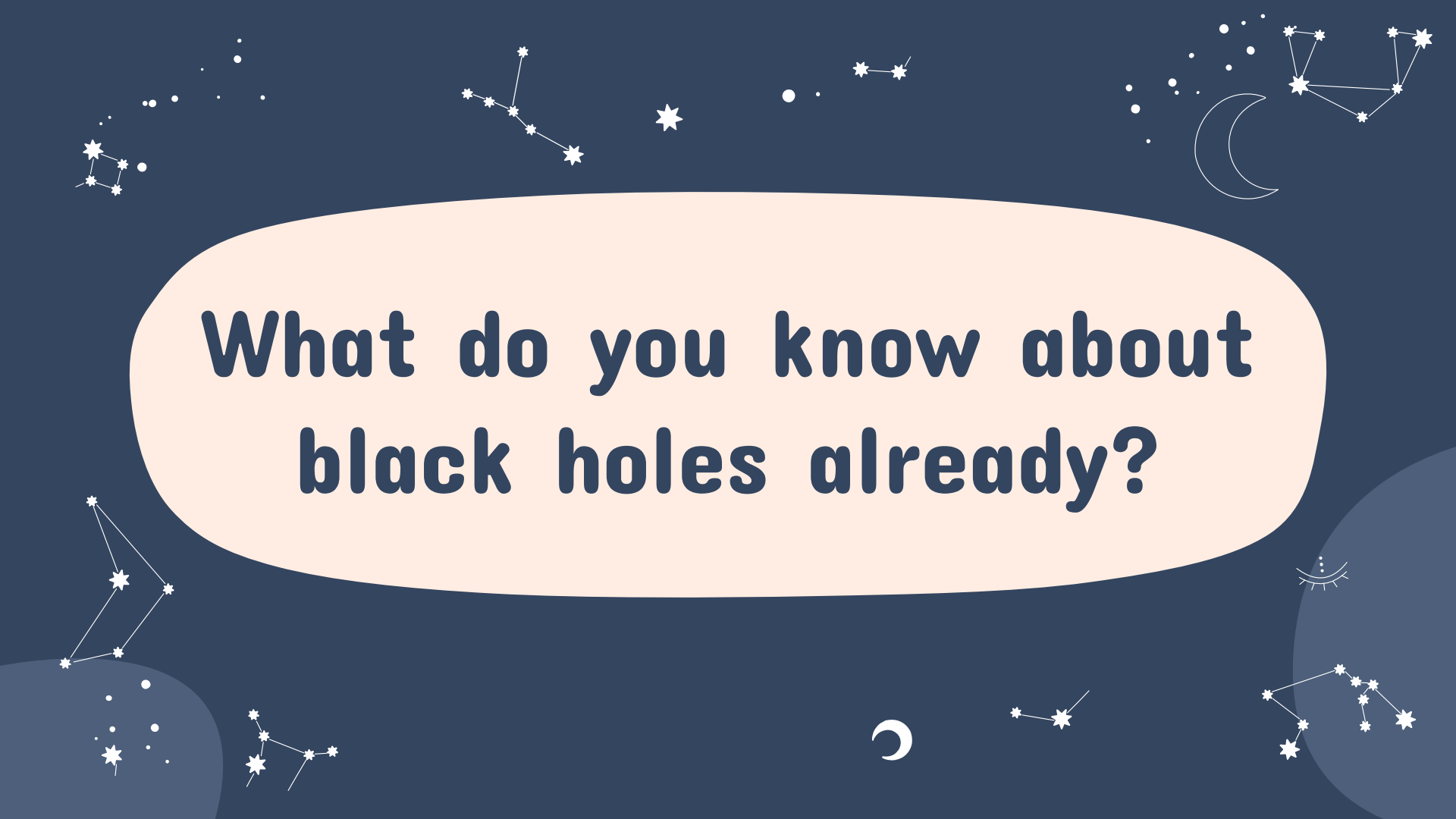
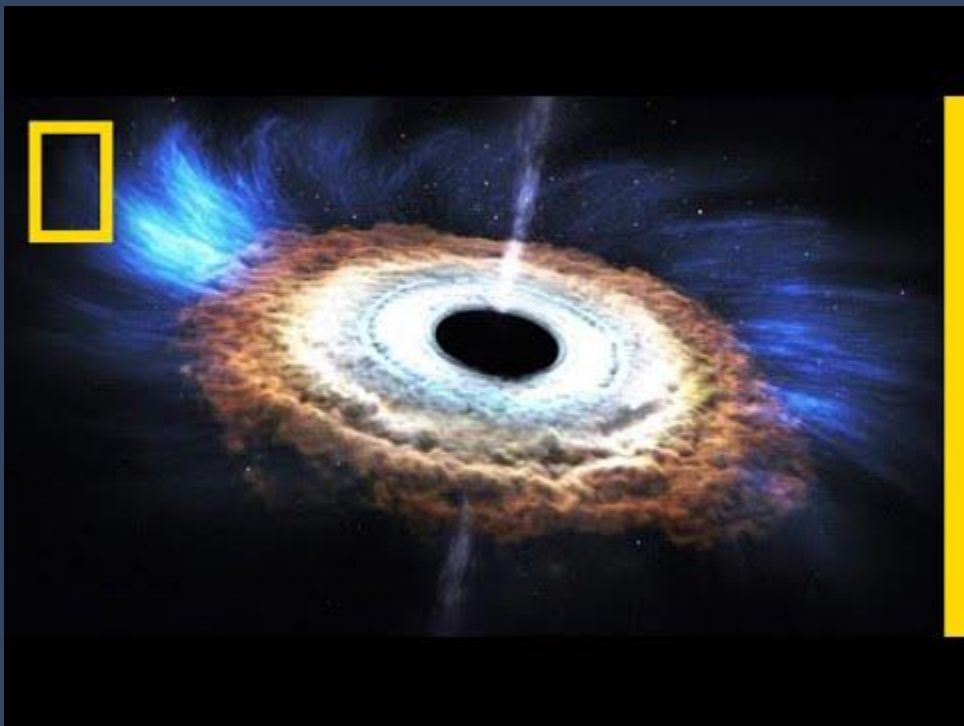


Black Holes



The background is a dark blue space-themed illustration. It features several white constellations connected by thin lines, scattered stars of varying sizes, and a white crescent moon. The central focus is a large, light-colored, rounded rectangular shape containing the text.

**What do you know about
black holes already?**



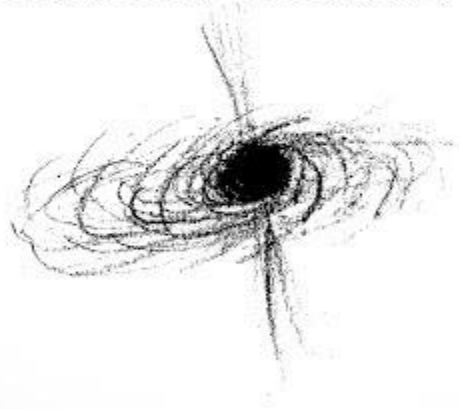


?

Question

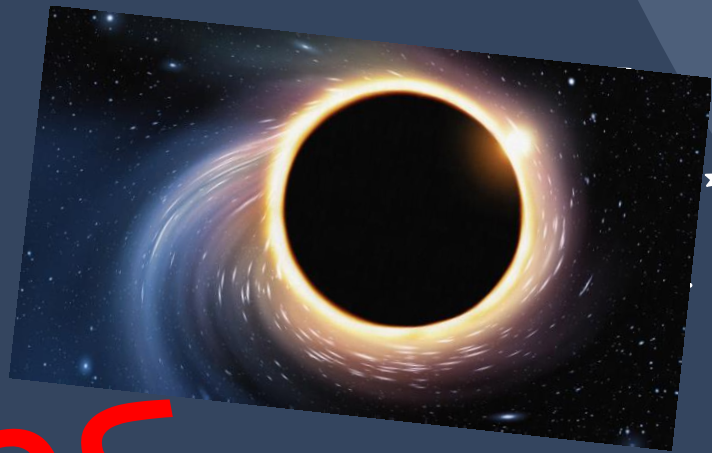
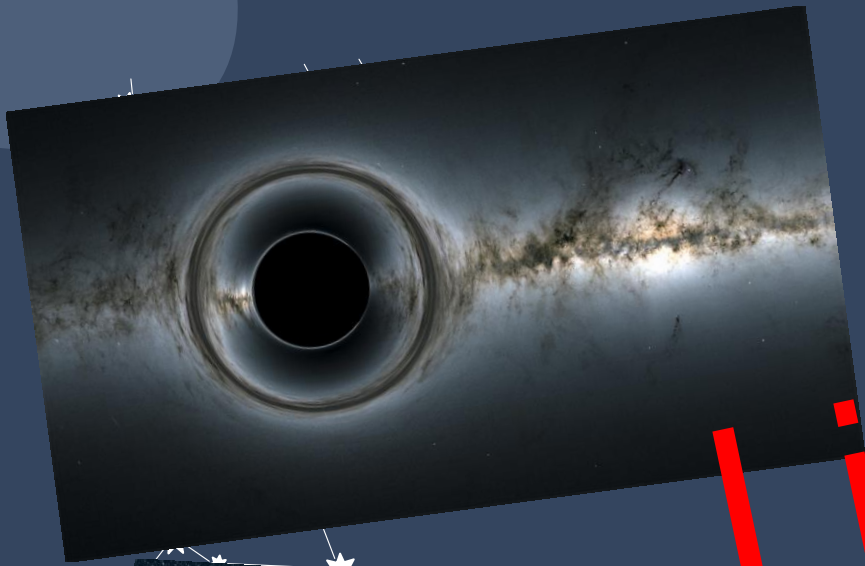
If we can't see it because even light can't escape, how do we know?

Are Black Holes Real?

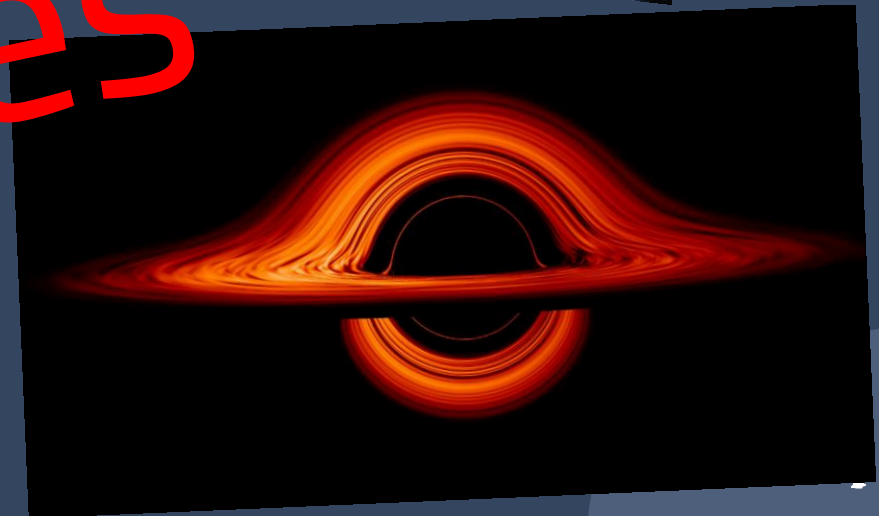




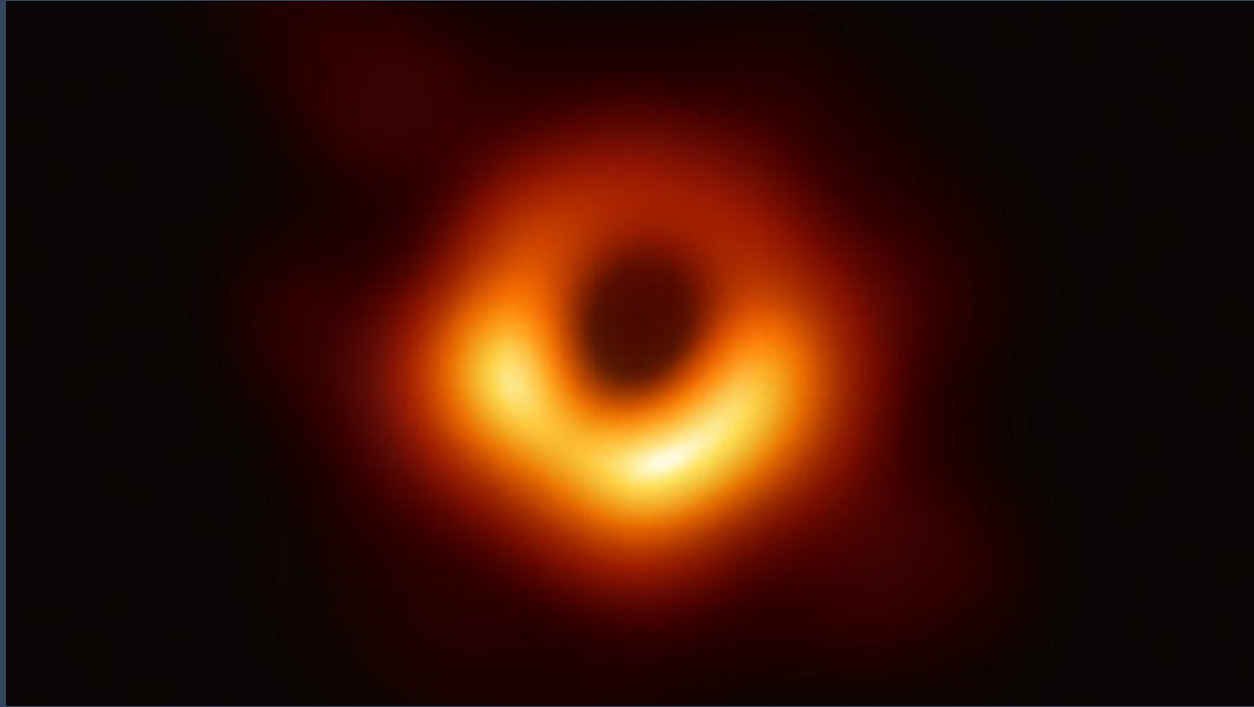
What do they look like?

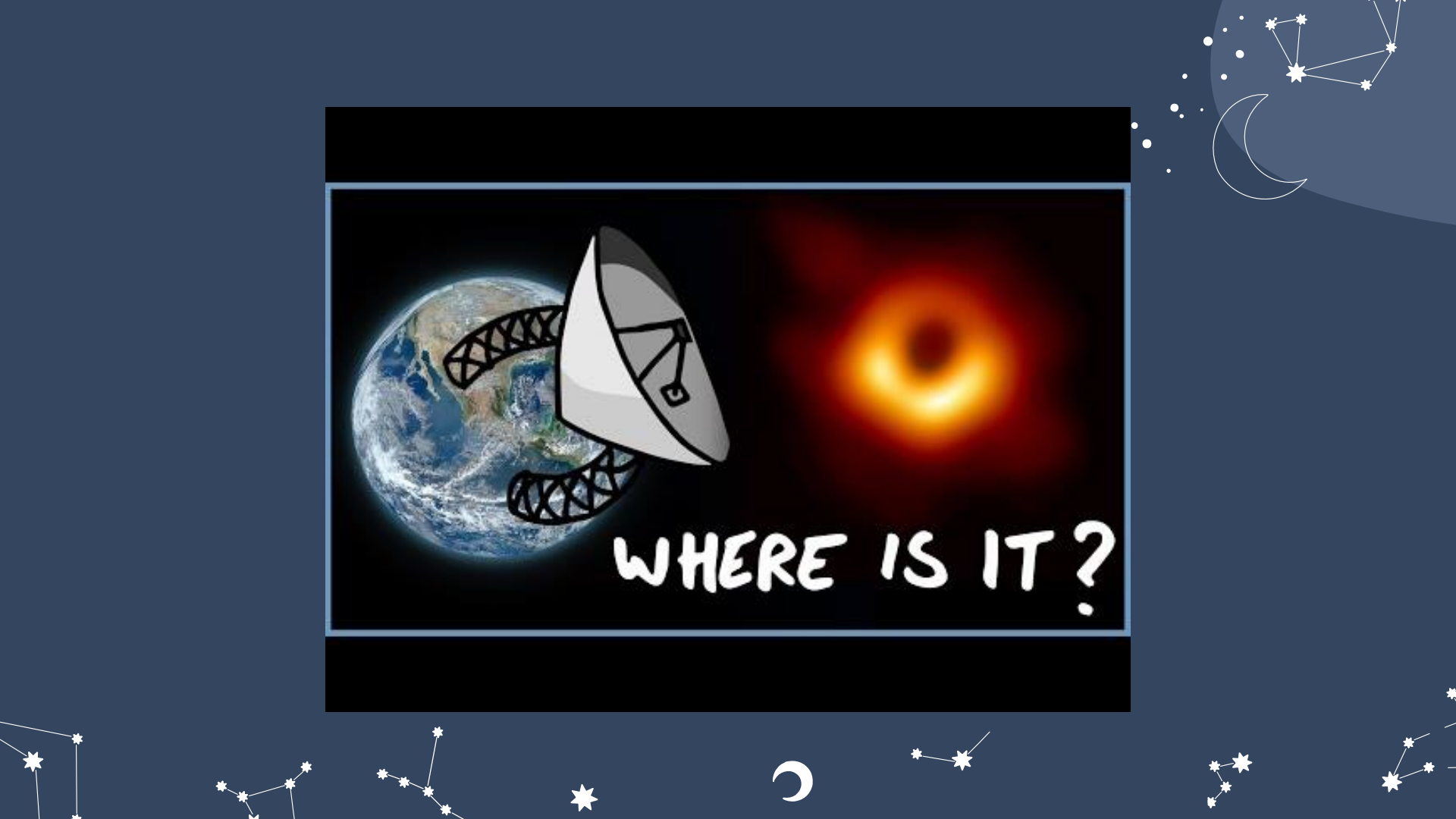
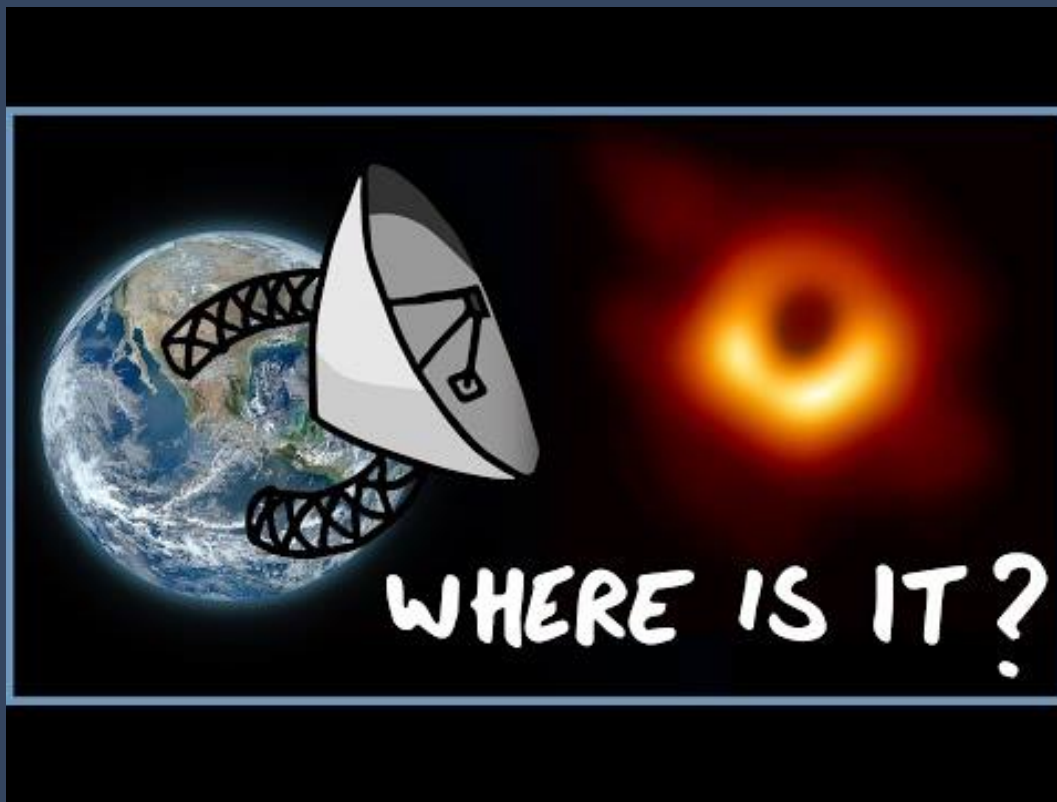


Lies



First Image of a Black Hole (2019)





Categories

Stellar

Caused by the death of a massive star

Supermassive

Greater than the mass of 1 million Suns

Types of Black Holes

There are three types of black holes:

- Primordial
- Stellar
- Supermassive

But only one (supermassive) has been photographed as of 2021. We know stellar ones exist, but primordial ones are still theoretical.

Summary



- ★ They exist
- ★ Have massive gravitational pull
- ★ Have an event horizon
- ★ They are all over the place

What we know



- ★ How the ring is created
- ★ What happens when falling in
- ★ How super big ones form
- ★ If there are really small ones

What we don't know



Links for more information



NASA's page on black holes



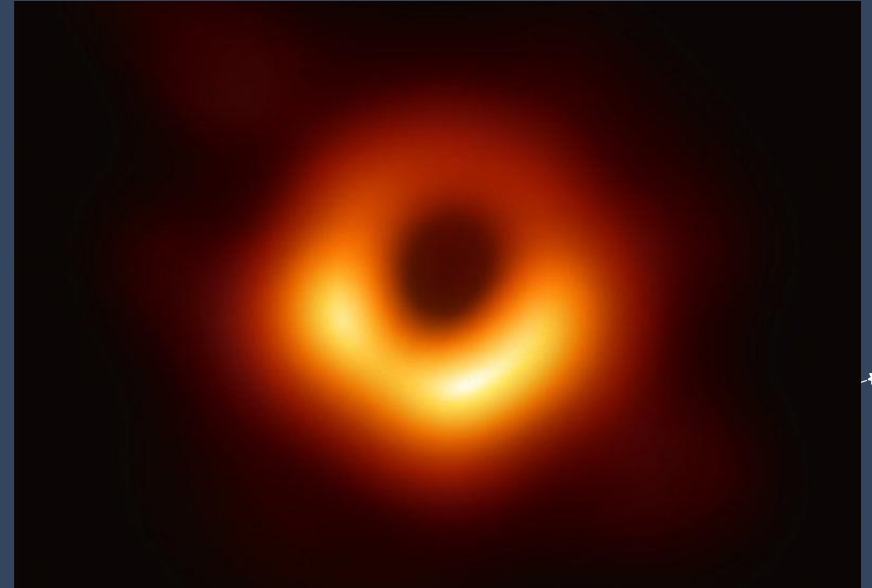
Facts and theories

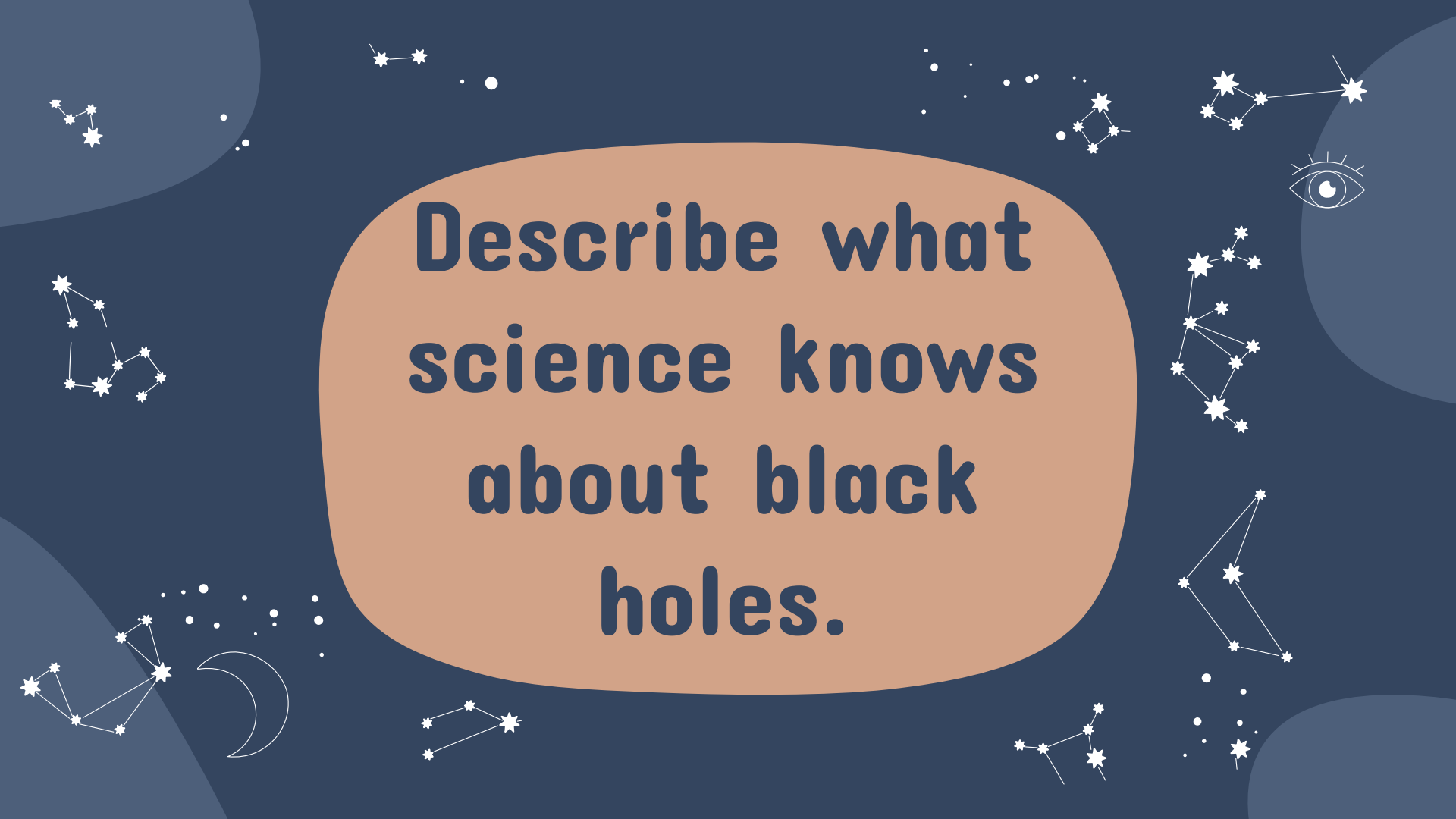


Story behind the first image



Event horizon info





**Describe what
science knows
about black
holes.**