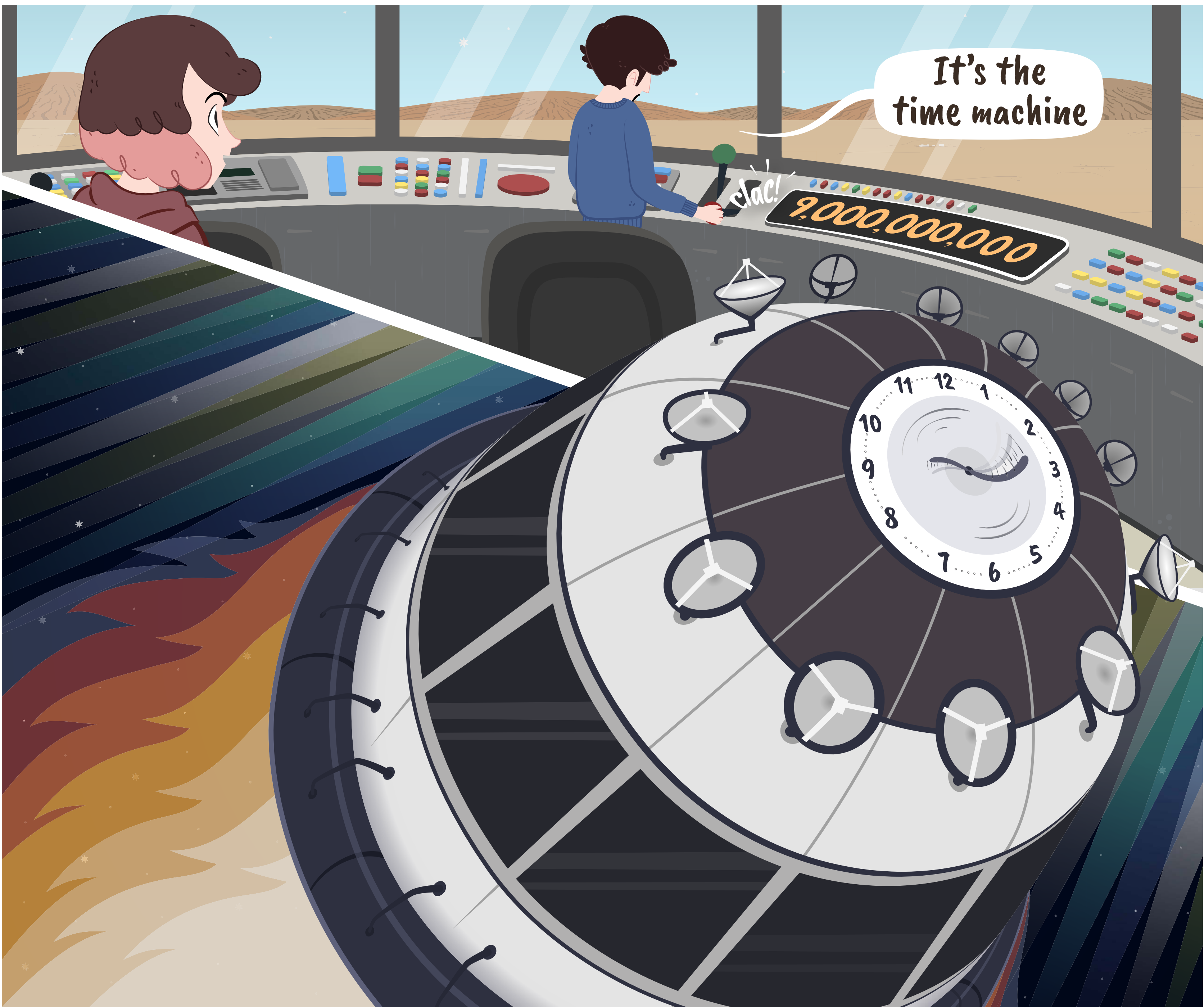
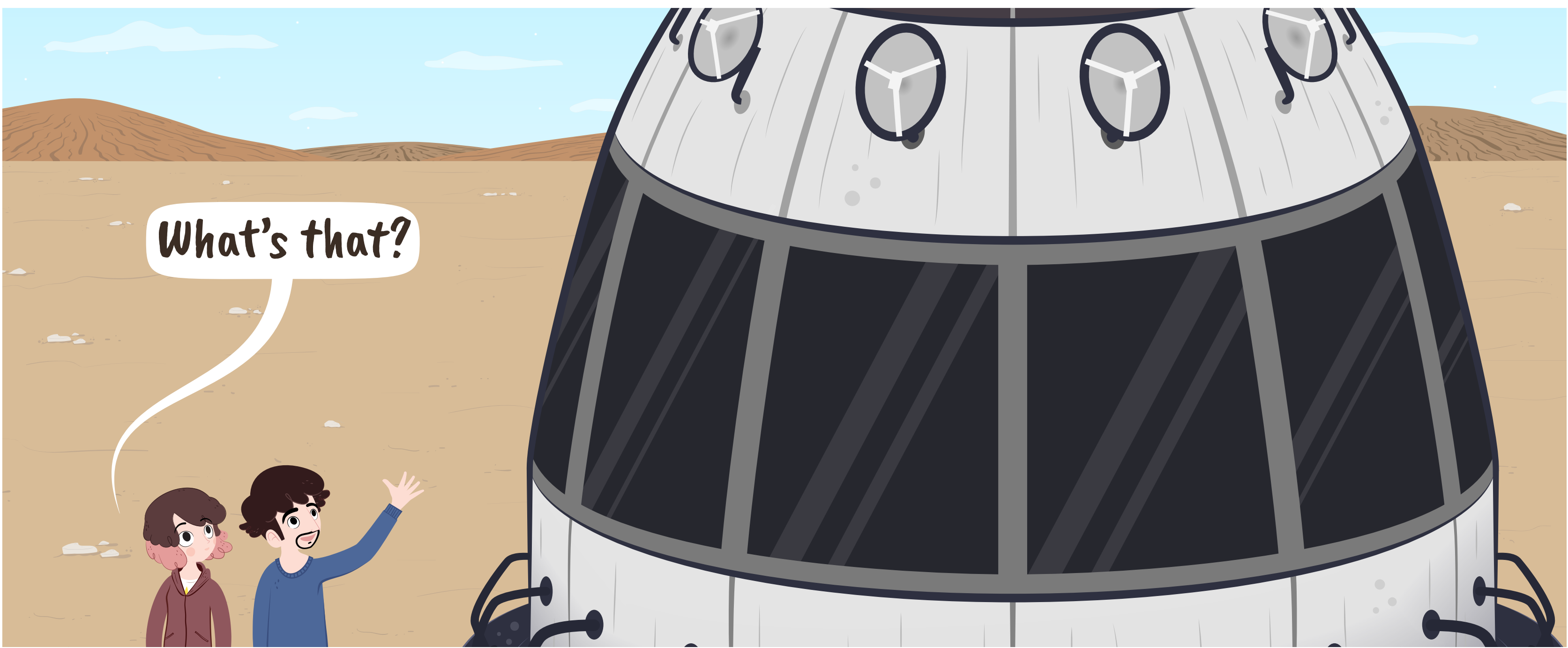


The ADVENTURES — OF — TALMA ALMA

TODAY

"THE TIME
MACHINE"





9 BILLION LIGHT-YEARS FROM EARTH

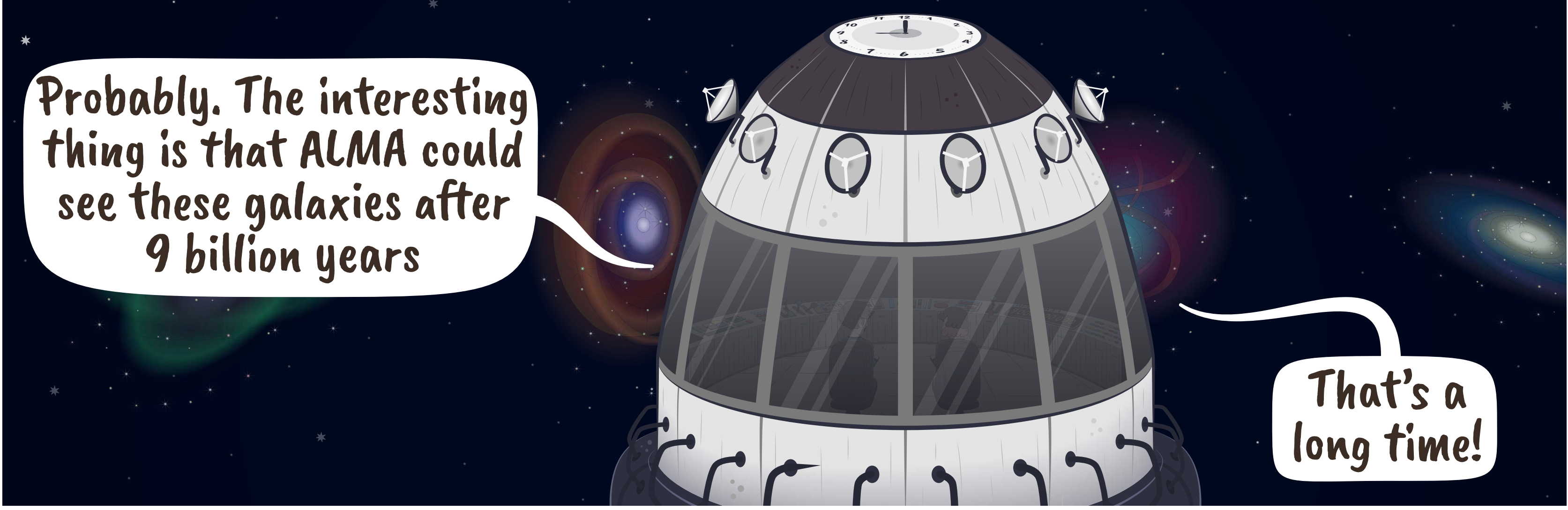
This is cool!

These are young galaxies that have a lot of cold molecular gas

Isn't that the material where stars are formed?

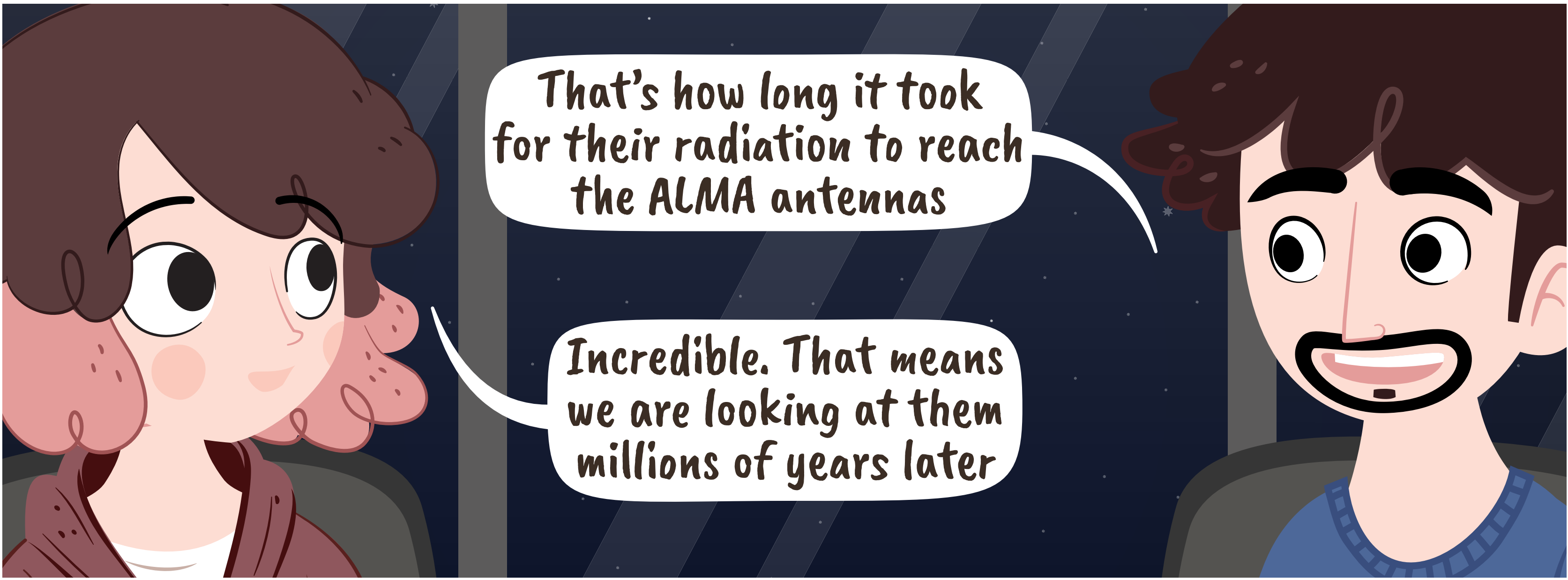
Exactly. ALMA studies this type of young galaxy to learn what the Milky Way was like at the beginning

Do you mean that these are going to turn into beautiful spiral galaxies?




Probably. The interesting thing is that ALMA could see these galaxies after 9 billion years

That's a long time!



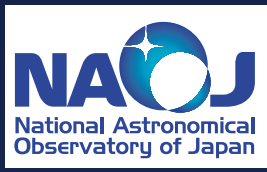
That's how long it took for their radiation to reach the ALMA antennas

Incredible. That means we are looking at them millions of years later



Now I understand why ALMA is a window into the Universe's past

The End



Script - Illustrations
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