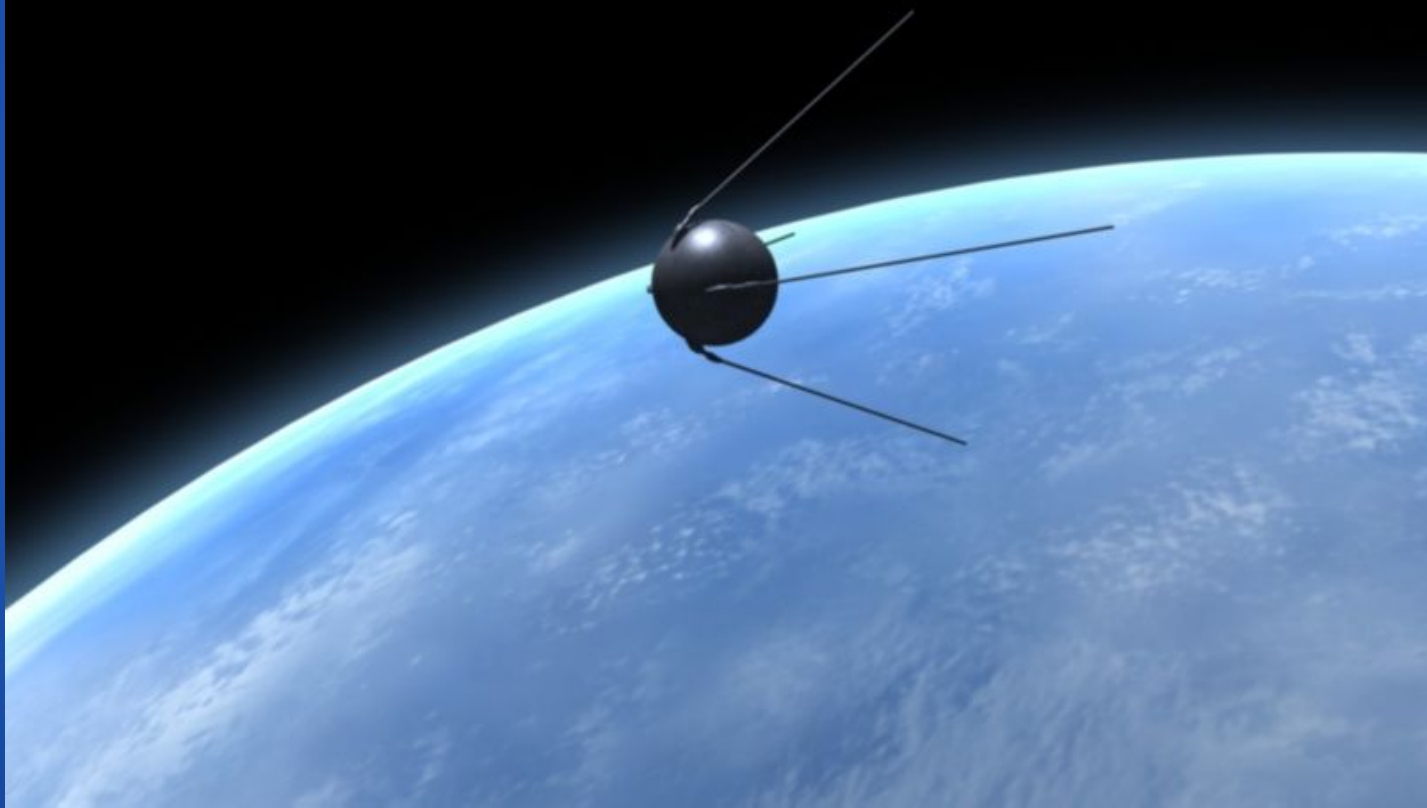


# SPUTNIK I: BIRTH OF THE SPACE RACE



# The first artificial satellite was Sputnik 1.



- It was launched by the Soviet Union on the 4<sup>th</sup> of October 1957.

A black and white photograph of Earth as seen from space, showing the Western Hemisphere. The text "FIRST MAN-MADE MOON" is superimposed in large, white, bold, sans-serif capital letters across the center of the globe. The background is a dark field of space with several bright stars.

**FIRST  
MAN-MADE  
MOON**

- Sputnik was named for the Russian word meaning “traveling companion” or “satellite”: the world’s first man made satellite
- Orbited the earth every 96 minutes at a speed of 18,000 mph
  - Could be seen by the naked eye
  - Emitted a radio signal audible to people with ham radio equipment
- Terrible blow to American sense of superiority
  - Greater implication:
    - Soviets had a rocket that could launch a satellite into earth’s orbit
      - America feared the Soviets would eventually have a rocket large enough to fire nuclear weapons around the world
- Approximately 3 months later, Sputnik fell to earth burning up as it entered the earth’s atmosphere
- Weeks later, the Soviets launched Sputnik II
  - First satellite with a live passenger: Dog named Laika
  - 3 months later, U.S. launched its first satellite Explorer I

# Sputnik 2





SCIENCEPHOTOLIBRARY



# THE RED PUPNI

World asks: How to get her down



Monday, 1951, an artist's impression of her in her bubble-domed

Taylor, Vanity  
London Daily News

DOG LOVERS UNITE IN  
ALL-DAY PROTEST

# U.S. EXPLORER 1

