



СССР, Россия и космос

Sputnik

Launch date: 4 October 1957, 7:28 pm

Orbit height: 577 km

Speed on orbit: 8 km/s

Orbits completed: 1440

Rocket: Sputnik

Names: Спутник 1; Object PS; Prosteyshiy Sputnik



Sputnik

A satellite is shown in orbit around the Earth. The satellite is a small, dark, cylindrical object with a thin trail behind it. The Earth is a large, blue and white sphere in the background. The background is black, representing space.

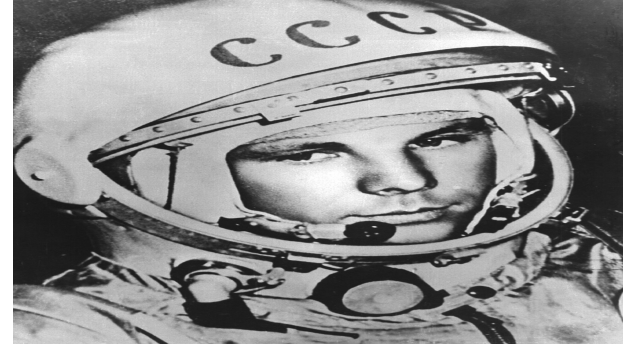
The Sputnik crisis was a period of fear and anxiety in Western nations about the technological gap between the United States and Soviet Union caused by the Soviets' launch of Sputnik 1, the world's first artificial satellite. It was a significant event in the Cold War that triggered the creation of NASA and the Space Race between the two superpowers. The satellite was launched on October 4, 1957, from the Baikonur Cosmodrome.

Laika, Belka and Strelka



Belka (Белка, literally, "Squirrel" or alternatively "Whitey") and Strelka (Стрелка, "Little Arrow") spent a day in space aboard Korabl-Sputnik 2 (Sputnik 5) on 19 August 1960 before safely returning to Earth. They were the first Earth-born creatures to go into orbit and return alive. Sputnik 2 contained another dog named Laika, Although food and water were provided to her, she did not survive more than a few hours due to the intense heat.

Yuri Gagarin:



First Man in Space. Yuri Gagarin was the first person to fly in space. His flight, on April 12, 1961, lasted 108 minutes as he circled the Earth for a little more than one orbit in the Soviet Union's Vostok spacecraft. Following the flight, Gagarin became a cultural hero in the Soviet Union.

VOSTOK 1



Vostok 1 was the first spaceflight of the Vostok programme and the first crewed spaceflight in history. The Vostok 3KA space capsule was launched from Baikonur Cosmodrome on April 12, 1961, with Soviet cosmonaut Yuri Gagarin aboard, making him the first human to cross into outer space.

Valentina Vladimirovna

Valentina Vladimirovna Tereshkova born 6th March 1937 is a member of the Russian State Duma, engineer, and former cosmonaut. She is the first and youngest woman to have flown in space with a solo mission on the Vostok 6 on 16 June 1963.



Voskhod 2

Landing date: 19 March 1965

Launch date: 18 March 1965

EVA duration: 12 minutes, 9 seconds

Perigee altitude: 167 kilometres (104 mi)

Apogee altitude: 475 kilometres (295 mi)



Alexei Leonov

Alexei Arkhipovich Leonov was a Soviet and Russian cosmonaut, Air Force major general, writer, and artist. On 18 March 1965, he became the first person to conduct a spacewalk, exiting the capsule during the Voskhod 2 mission for 12 minutes and 9 seconds.



MIR Space Station:

Mir was a space station that operated in low Earth orbit from 1986 to 2001, operated by the Soviet Union and later by Russia. Mir was the first modular space station and was assembled in orbit from 1986 to 1996. It had a greater mass than any previous spacecraft. Launch date: 20 February 1986

Orbit height: 358 km

Mass: 129,700 kg

Speed on orbit: 7.69 km/s

Cost: 4.2 billion USD (2001



Russian Word Meaning:

Космос- **Space**

Земля- **Earth**

солнечная система- **solar system**

вселенная - **universe**

луна - **moon**

Галактика-**galaxy**

Планета-**planet**

Венера - ***venus***

космический корабль
-spaceship

Звезда- ***star***

Марс- ***Mars***

Finally.... Some beautiful Russian artwork:

