

Annotated Bibliography

Primary Sources

Eisenhower Library.Gov, 2022,

<https://www.eisenhowerlibrary.gov/sites/default/files/research/online-documents/sputnik/10-1957-statement.pdf>. Accessed 2 Nov 2022.

This PDF is a documented response from the U.S.A science board, it talks about how far behind the USA was during the time of the Cold War. this document discusses how America was reacting to the USSR's launch of Sputnik-1.

"A Report On An Artificial Satellite". *History.Nasa.Gov*, 2022,

<https://history.nasa.gov/sputnik/russ1.html>. Accessed 31 Oct 2022.

This gives quotes from the creator of Sputnik-1. lists info about what it's made of and other info about the radio transmitter.

Wall, Mike. "Mike Wall Interview." *Space.com*, Mike Wall, 4 Oct. 2020,

<https://www.space.com/38331-sputnik-satellite-fun-facts.html>. Accessed 18 Oct. 2020

Mike Wall gave us answers to questions like if Sputnik-1 had other tones. Sputnik-1 also caused much more fear in America than Apollo did in the USSR.

Secondary Sources

"Apollo 11 Mission Overview". *NASA*, 2022,

https://www.nasa.gov/mission_pages/apollo/missions/apollo11.html. Accessed 28 Nov 2022.

This talks about all that happened in the Apollo 11 landing. This website also went in depth of the Apollo 11 mission's shock on the world.

Collins, Martin J. *After Sputnik: 50 Years of the Space Age*. Collins, 2007.

This book discusses the rockets and tests leading up to and after Sputnik-1. It gave information on sputnik and people's opinions from both sides of the conflict.

Education.Nationalgeographic.Org, 2022,

<https://education.nationalgeographic.org/resource/ussr-launches-sputnik>. Accessed 13 Oct 2022.

We will use this article because it gives very in-depth information on the full timeline of Sputnik-1. It tells us its size and dimensions, the people who made it, and more.

Graham, Ian. *You Wouldn't Want to Live without Satellites!* Franklin Watts, an Imprint Scholastic Inc., 2019.

Gives a bit of reasoning behind why satellites were not created until the mid-nineteenth century. Also describes Sputnik-1 by weight, size, traveling speed, launch date, and people's reactions.

Lassieur, Allison. *The Race to the Moon: An Interactive History Adventure*. Capstone Press, a Capstone Imprint, 2014.

This book gives people's opinions of the Soviet Union until Sputnik was launched. It also told us that Sputnik-1 gave Americans fear that they could launch a nuclear bomb at them halfway across the world.

"Milestones: 1953–1960 - Office Of The Historian". *History.State.Gov*, 2022,

<https://history.state.gov/milestones/1953-1960/sputnik>. Accessed 1 Nov 2022.

This article talks about the effects of Sputnik and the Space Race on the U.S.A. Also includes how the Cold War was the starting factor for Sputnik-1 and the Space Race.

"NASA | History - Sputnik ". *History.Nasa.Gov*, 2022,

<https://history.nasa.gov/sputnik-timeline.html>. Accessed 4 Nov 2022.

This website shows the timeline of events after Sputnik was launched. It has Important aftermath info of the launch.

Orr, Tamra. *Selfies from Space: How Satellites Help Science on Earth*. Raintree, 2021.

This gives accurate info about the aftermath of Sputnik. It also gives the effects of Sputnik-1 and other satellites from early space technology and more advanced satellite information.

“Sergei Korolev: Father of the Soviet Union's Success in Space.” *ESA*,

https://www.esa.int/About_Us/ESA_history/50_years_of_humans_in_space/Sergei_Korolev_Father_of_the_Soviet_Union_s_success_in_space. This talks all about Sergei Korolev and what he did in his life. It included how he got his interest in rocketry.

"The Space Race". *HISTORY*, 2022, <https://www.history.com/topics/cold-war/space-race>.

Accessed 28 Nov 2022.

This website told me about the whole timeline and achievements of the Space Race, Apollo missions 11 and 13, the Cold War, and Sputnik-1. This website was crucial for understanding more about the aftermath of Sputnik one and even before Sputnik.

"Space Race Timeline". *Rmg.Co.Uk*, 2022,

<https://www.rmg.co.uk/stories/topics/space-race-timeline#:~:text=The%20Space%20Race%20between%20the,competition%20between%20the%20two%20nations>. Accessed 30 Nov 2022.

This website explained how long the Space Race lasted and some interesting things about it. Includes a detailed timeline of most of the events that happened during the beginning, middle, end, and even before the Space Race which includes Sputnik-1.

Sparrow, Giles. *Spaceflight: The Complete Story from Sputnik to Apollo -- and Beyond*. DK Pub., 2009.

This book talks about the tests before Sputnik was launched. It goes on about what built up to the launch of the satellite Sputnik-1.

Sputnik 1! 7 Fun Facts About Humanity's First Satellite". *Space.Com*, 2020,

<https://www.space.com/38331-sputnik-satellite-fun-facts.html>. Accessed 18 Oct 2022.

This resource gives particular problems and harder-to-find information on how Sputnik-1 almost failed. This site also gives interesting details about the United States' first attempt to create a satellite, "flopnik," also known as Vanguard-TV-3.

"Sputnik 1 - Documentary." YouTube, YouTube, 5 Feb. 2017,

https://www.youtube.com/watch?v=oMc_mpSqLhE&t=2683s.

This documentary told me the timeline of Sputnik 1 from before to after the inspiration and reactions. It also gave information about President Eisenhower not wanting to work in the space industry.

"Today In Science: Launch Of Sputnik | Space | Earthsky". Earthsky | Updates On Your Cosmos And World, 2022,

<https://earthsky.org/space/this-date-in-science-launch-of-sputnik-october-4-1957/#:~:text=Basically%2C%20Sputnik%20was%20a%20polished,And%20broadcast%20they%20did.> Accessed 25 Oct 2022.

This website provided information on Sputnik's heat shield materials. And included nicknames for Sputnik

"US Announcement--July 1955". History.Nasa.Gov, 2022,

<https://history.nasa.gov/sputnik/14.html>. Accessed 26 Oct 2022.

It gives accurate numbers of the trajectory of Sputnik 1 like the landing. It is also told us what Sputnik-1's insides included and were made of.

"V-2 Rocket | History, Inventor, & Facts". *Encyclopedia Britannica*, 2022,

<https://www.britannica.com/technology/V-2-rocket>. Accessed 13 Dec 2022.

This article goes through the history of the A-4 (V-2). It included how large the missile was.

"Wernher Von Braun | Biography, Quotes, & Facts". *Encyclopedia Britannica*, 2022,

<https://www.britannica.com/biography/Wernher-von-Braun>. Accessed 16 Dec 2022.

It talks about Wernher Von Braun in his childhood. It also talks about his relations to the Space Race.

"What Is DARPA?". *Space.Com*, 2015, <https://www.space.com/29273-what-is-darpa.html>.

Accessed 28 Nov 2022.

This article tells what DARPA is. Also talked about what DARPA actually does.

"What Is NASA?". *NASA*, 2022,

<https://www.nasa.gov/audience/forstudents/5-8/features/nasa-knows/what-is-nasa-58.htm>

l. Accessed 28 Nov 2022.

It tells you what NASA is and how it was created. This website told us about what NASA has done and its relation to Spunik-1

Wood, Brenden Matthew, and Samuel Carbaugh. *The Space Race: How the Cold War Put Humans on the Moon*. Nomad Press, 2018.

It tells how the Americans tried to build rockets and failed. It also talks about the effect on the US and the public and how they were scared of the Soviet Union.

"60 Years Ago: Vanguard Fails To Reach Orbit". *NASA*, 2022,

<https://www.nasa.gov/feature/60-years-ago-vanguard-fails-to-reach-orbit>. Accessed 20 Nov 2022.

This website told me how Americans tried competing with the Soviet Union. The online article informs about Vanguard (Flopnik) and its failure.

Images for Illustrations

"Adolf Hitler | Biography, Rise To Power, & Facts". *Encyclopedia Britannica*, 2023,

<https://www.britannica.com/biography/Adolf-Hitler>. Accessed 3 Feb 2023.

Adolf Hitler Picture. This image was used on the Early Missiles page.

Education.Nationalgeographic.Org, 2023,

<https://education.nationalgeographic.org/resource/ussr-launches-sputnik>. Accessed 1 Feb 2023.

A Sputnik-1 satellite replica. This image was used to show what Sputnik-1 looked like.

Encyclopedia Of Alabama, 2023, <http://encyclopediaofalabama.org/article/m-6721>. Accessed 3 Feb 2023.

Wernher von Braun surrendering to America. We used this image to prove that Wernher von Braun surrendered to America.

"File:DARPA Logo.Jpg - Wikimedia Commons". *Commons.Wikimedia.Org*, 2009,

https://commons.wikimedia.org/wiki/File:DARPA_Logo.jpg. Accessed 3 Feb 2023.

The DARPA logo. We used this image to show DARPA's logo.

"File:Fusée V2.Jpg - Wikimedia Commons". *Commons.Wikimedia.Org*, 2004,

https://commons.wikimedia.org/wiki/File:Fus%C3%A9e_V2.jpg. Accessed 1 Feb 2023.

The American A-4 (V-2) rocket. We used this image to show a visual of the V-2 missile.

"File:1-Пуску-Посвящается 1S.Jpg - Wikimedia Commons". *Commons.Wikimedia.Org*, 2012,

https://commons.wikimedia.org/wiki/File:1-%D0%BF%D1%83%D1%81%D0%BA%D1%83-%D0%BF%D0%BE%D1%81%D0%B2%D1%8F%D1%89%D0%B0%D0%B5%D1%82%D1%81%D1%8F_1S.jpg. Accessed 3 Feb 2023.

Soviet Union's first missile, the R-1. This image was used to show the Soviet Unions' early missile.

"History | Watch Full Episodes of Your Favorite Shows." *History.com*, A&E Television

Networks, <http://www.history.com/>.

Cold War metaphorical image. Used to show an idea of the stakes during the Cold War.

"John F Kennedy - Quote And Its Context - Landing A Man On The Moon - Address (25 May 1961)". *Todayinsci.Com*, 2023,
https://todayinsci.com/K/Kennedy_John/KennedyJohn-ToTheMoon.htm. Accessed 3 Feb 2023.

John F. Kennedy picture of a quote. We used this to emphasize the importance of the Space Race

Rbth.Com, 2023, <https://www.rbth.com/science-and-tech/326323-7-facts-about-sputnik>.
Accessed 3 Feb 2023.

A replica of the Sputnik-1. This image was used on the Sputnik-1's launch page to show another example of Sputnik-1.

"Sergei Korolev: Father of the Soviet Union's Success in Space." *ESA*,
https://www.esa.int/About_Us/ESA_history/50_years_of_humans_in_space/Sergei_Korolev_Father_of_the_Soviet_Union_s_success_in_space.

Sergei Korolev picture. We used this on the Cold War page.

"The Shock Of Sputnik (U.S. National Park Service)". *Nps.Gov*, 2023,
<https://www.nps.gov/articles/mimiarmsrace-01.htm>. Accessed 1 Feb 2023.

People listening to Sputnik-1. This image is used to show people listening to Sputnik-1 From their radios.

"SpaceX". *SpaceX*, 2023, <https://www.spacex.com/>. Accessed 3 Feb 2023.

We used this to show SpaceX's logo and what a newer space technology agency would look like and what it would do.

"Sputnik At 60: LIFE Magazine Photos Of The Soviet Satellite". *LIFE*, 2017,

<https://www.life.com/history/sputnik-anniversary-life-magazine-photos/>. Accessed 3 Feb 2023.

Life magazine article about Sputnik-1. This article was shown to give people an idea of human perspectives and predictions.

"Sputnik Witnesses Saw Failure, Then Success". *NBC News*, 2007,

<https://www.nbcnews.com/id/wbna21134276>. Accessed 1 Feb 2023.

Sputnik-1 being launched from Earth.

This image was used to show Sputnik-1 being

Launched. This image was used on the Sputnik's launch page to show what Sputnik-1 looked like while being launched from Earth.

"Symbols Of NASA". *NASA*, 2023,

<https://www.nasa.gov/audience/forstudents/5-8/features/symbols-of-nasa.html>. Accessed 3 Feb 2023.

The symbol of NASA. This image was used to show what NASA's logo looks like and give an idea of what the famous technology agency's creation was like.

Swopes, Bryan. "Gagarin's Start | This Day In Aviation". *Thisdayinaviation.Com*, 2022,

<https://www.thisdayinaviation.com/tag/gagarins-start/>. Accessed 3 Feb 2023.

Sputnik-1 being launched in an R-7 Soviet Union rocket. This image is used to show the Sputnik-1 payload launching from a distance.

"When Soviets Launched Sputnik, C.I.A. Was Not Surprised (Published 2017)". *Nytimes.Com*, 2017, <https://www.nytimes.com/2017/10/06/science/sputnik-launch-cia.html>. Accessed 1 Feb 2023.

Newspaper article on Sputnik-1. This image was used to show a article of Sputnik-1 and what public opinions were about the rocket.

Worked, How. "How Sputnik Worked". *Popular Mechanics*, 2017, <https://www.popularmechanics.com/space/satellites/news/a28496/how-sputnik-worked/>. Accessed 1 Feb 2023.

The insides of the Sputnik-1 satellite. We used this image to show a diagram of Sputnik-1.

"60 Years Ago: Vanguard Fails To Reach Orbit". *NASA*, 2023, <https://www.nasa.gov/feature/60-years-ago-vanguard-fails-to-reach-orbit>. Accessed 1 Feb 2023.

The remains of Vanguard. This image was used to show the damage of Vanguard-TV-3 after its crash into Earth.