

Breaking Barriers of Space:
Sputnik 1

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Senior Division

Group Documentary

Process Paper: 420

Process Paper

On February 10 our english teacher, Mrs.Thomas, assigned each student to prepare an NHD project. We were both very excited to hear this, since we participated as partners in the 2018 NHD event. The first thing we did was to go to the NHD website which provides topic ideas for Breaking Barriers. One topic that interested us both was Space Exploration. That's where we began to research and found Sputnik 1. Sputnik 1 was a monumental part of world history, that many people have never heard about. At Arapahoe Public Schools, we very briefly touched on Sputnik and its impact on the cold war but we never learned the whole story. We both were very interested and therefore wanted to know more about Sputnik 1.

We began our research by visiting sites that would give us broad knowledge of our topic. Once we had a good overview of Sputnik's story, we were able to get more specific research done. For example, after we learned that Sputnik was launched from a R-7 rocket we were able to find entire websites dedicated to the rocket. We used search engines like Nebraska Access and Google Scholar to guarantee that information we received was trustworthy. We also tried to set up an interview with one of the authors of a website we got information from, but unfortunately we received no response.

A documentary was a no brainer for us. Since we presented an exhibit board together in the 2018 NHD event we wanted to try something new. We both don't take an interest in acting or writing papers, and neither one of us finds designing websites appealing, but we both enjoy a well put together documentary. After we selected a documentary and completed our research we wrote our script. With the finished script we found pictures and videos that fit with the

information. We recorded the script, and entered it into iMovie along with the picture and videos. To finish it off we added catchy tunes to keep the audience focused on the documentary.

Our project related to the theme of Breaking Barriers because Sputnik 1 was the first manmade object to fly into outer space. Before the launch of Sputnik 1, scientists knew little about the cosmos and few people were interested in finding out. After the launch of Sputnik 1, researchers around the world realized the scientific potential of space exploration. Sputnik 1 opened the doors of space to humanity and it has had a lasting effect on mankind ever since.

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