

# Marie Curie: Impacting Science Through Radioactivity

Junior Group Documentary  
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## Process Paper

We chose our topic when we were flipping through our school's science books. We were learning about chemistry and the periodic table of elements, and we found an excerpt on Marie Curie. This fascinated us, and we decided to learn more.

Our research began online as we searched general terms to understand the complex science of radioactivity. We continued by reading "Madame Curie" a biography by her daughter, Eve, which gave us further insight into Marie's life and work. Then we dug deeper and researched more online and read several books from the school library. We found many interesting photos online and in books which we used in our film. To prepare for the state competition, we reviewed the judges' comments from regionals. We modified our script in order to focus less on Marie Curie's life, and more on her accomplishments. In order to prepare for nationals we submitted our project to our state coordinator and his team for review and feedback. We finalized our project by adjusting video and edited text.

We created a documentary film last year for National History Day, and we decided to try it again this year. We work well together and our talents compliment each other. To balance our time between school and home, we used an Apple MacBook Pro while writing our script. Our audio was recorded through Audacity using a Blue Yeti microphone. We imported the photos into iPhoto and edited our video in iMovie.

Our topic relates to this year's theme "Leadership and Legacy" in many ways. Marie Curie was a female leader in science even though this field was male dominated in the early 1900s. She discovered two elements and developed the science of radioactivity. Today, radiation is used to treat cancer and generate electricity. Her legacy lives on throughout our daily lives and is honored in museums around the world.

Word Count: 316

