

Library Services Library Lesson

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| Topic | Science and Technology Careers Gale in Context: Middle School |
| Grade(s) | 7 th & 8 th |
| Essential Question(s) | What current careers are available in the area of science and how have scientists and inventors from the past shaped these professions? |
| Learning Objectives | <ol style="list-style-type: none"> 1. I can use technology to access curriculum aligned resources. 2. I can use this database to browse and read informational texts and view multimedia resources to support my learning. 3. I can use the tools and features provided by Gale with accuracy to complete my research project. |
| Lesson | <ol style="list-style-type: none"> 1. Choose a scientist/inventor who has contributed to the field of science. 2. Login to your Clever account to access Gale in Context: Middle School and search for your chosen individual. 3. Use the Highlights and Notes tool to mark important information in articles about your figure. Make note of the person's profession, major contribution to science, and the year the contribution was made. 4. When you have completed your research, use Send to Email, or add documents to your One Drive account or Print or Download all your information. 5. Research a science profession to find out more about it. Note the general job description, qualifications necessary for the job, salary ranges, etc. For example: www.careerzone.ny.gov 6. Create a classified ad/job description for your chosen profession and use a computer to post your classified ad. 7. Complete a short job application for your person, which includes their name, address, qualifications, past experiences in the field, and personal experiences. 8. As you complete your assignments, you will recognize the impact your person had in the world of science and familiarize yourself with current scientific career options. |

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| <p>Standards</p> | <p><u>NG ELA - 7L3</u>: Use knowledge of language and its conventions when writing, speaking, reading, or listening.</p> <p><u>NG Science – MS-ESS 3-2</u> : Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.</p> <p><u>ISTE 3a</u>: Students plan and employ effective research strategies to locate information and other resources for their intellectual or creative pursuits.</p> <p><u>Empire State Information Fluency Continuum (ESIFC):</u> <u>Standard 1: Inquiry and Design Thinking</u> <u>1.1: Investigate Sources</u></p> |
| <p>Assessment</p> | <p>You will write a job application that includes the scientist’s name, address, qualifications, past experiences in the field, and personal references.</p> |