THE POSSIBLY IMPOSSIBLE RESEARCH PROJECT

USING DIGITAL RESEARCH AND SOCIAL MEDIA
TO TEACH ARCHIVAL RESEARCH METHODS

DR. REBEKAH FITZSIMMONS

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Presentation and materials available at rebekahfitzsimmons.wordpress.com/current-research

COLLABORATION PARTNERS

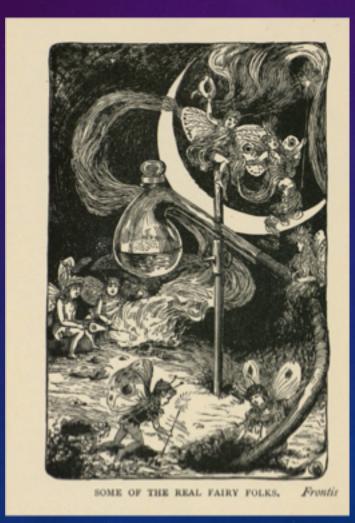
- Writing and Communication Program in the School of Literature, Media and Communication at the Georgia Institute of Technology
 - Rebekah Fitzsimmons, Marion L. Brittain Postdoctoral Fellow
- Baldwin Library of Historical Children's Literature at the University of Florida
 - Suzan Alteri, Curator
- Georgia Institute of Technology Libraries
 - Karen Viars, Literature, Media, and Communication Subject Librarian
 - Alison Valk, Multimedia Librarian

ACADEMIC CONTEXT FOR THE PROJECT

"GUIDING SCIENCE" ANNOTATED BIBLIOGRAPHY AND THE RECOVERY OF FEMALE SCIENCE WRITERS/SCIENTISTS IN THE LONG 19TH CENTURY

CONTRIBUTIONS OF VICTORIAN WOMEN TO SCIENCE

Illustrations from
Lucy Rider Meyer's
Real Fairy Folks, Or,
The Fairyland of
Chemistry
(1887)



"You may notice that the name hydrogen resembles exygen. Oxygen means acidformer, and hydrogen means water-former; and though the first name is a mistake, be-



PAIRY PICTURE OF WATER.

cause there are acids without oxygen, the last name is not a mistake. Hydrogen is the great water-former. Shall I draw you a fairy picture of water? — just H and O united, you see."

GUIDING SCIENCE: PUBLICATIONS BY WOMEN IN THE ROMANTIC AND VICTORIAN AGES

Guiding Science

Publications by Women in the Romantic and Victorian Ages

Home

About the Authors

Annotated Bibliography

About Us

Support for the Guiding Science bibliography project was provided by a 2015 American Library Association Carnegie Whitney Grant.

This page shows the author and titles for the project as well as the annotation. To see publication information for editions, please click on the author/title or description. All bibliographic metadata and links to full-text appears only after clicking on title or description due to the legnth of content. Annotations were authored by S. Alteri, J. Prussing, and A. Warwick and reviewed by Dr. A. Rauch and D. Van Kleeck.

For more on the people involved in this project, see the About Us page.

Questions and comments about this project may be submitted to the project manager, Suzan Alteri at salteri@ufl.edu.

Search:

A.L.O.E. [Tucker, Charlotte Maria] (1821-1893)., Fairy Frisket, Or, Peeps at Insect Life. Comparative editions. A sequel to the successful "Fairy-Know-A-Bit," this title explores the lives of insects through the knowledge of a fairy named Frisket, the sister to Know-a-bit. The story line follows these two fairies and their learned adventure with two human boys, Sydney and Philibert. The fairies take interest in the characteristics of humans, particularly those selfish and unselfish and provide didactic lessons on these traits through the two

THE HISTORY AND RHETORIC OF SCIENCE WRITING FOR CHILDREN

Full syllabus available at RebekahFitzsimmons.com

THE HISTORY AND RHETORIC OF SCIENCE WRITING FOR CHILDREN

ENGL 1102; Spring 2018

School of Literature, Media, and Communication

Writing and Communication Program



Instructor: Dr. Rebekah Fitzsimmons

Vector art work used in this syllabus designed by Graphiqastock / Freepik

Class Meeting:

Section C3 8:00am-8:50am Section J2 10:10am-11:00am

Section B5 11:15am-12:05pm

Stephen C. Hall 106 Stephen C. Hall 106 Clough 129

THE POSSIBLY IMPOSSIBLE RESEARCH PROJECT

STRUCTURE SCAFFOLDING

"THE POSSIBLY IMPOSSIBLE RESEARCH PROJECT"

UNIT 1 The Possibly Impossible Research Project

ASSIGNMENT SUMMARY

The Possibly Impossible Research Project (180 points) - For this assignment, students will choose from a list of authors of early children's picture books supplied by the Baldwin Library of Historical Children's Literature at the University of Florida. These authors are largely unknown and the library has very little information about their lives, publishing history, education, or other work. Each student will engage in original research to locate and record as much biographical information about his or her chosen author as possible, using both digital, physical, and archival methods of research. The ultimate goal will be to create a public facing digital biography of this author to be added to Wikipedia.

HOWEVER, it is entirely possible that a student will be unable to find much information at all on the chosen author, making the creation of a complete, detailed, multimodal Wikipedia biography IMPOSSIBLE! Therefore, the final artifact for this unit will be a portfolio of work; for some students, this artifact may take the more traditional form of a written biography, a bibliography, and supporting documents, while for other students, it make take the form of various process documents, detailing the research work completed, in order to help future researchers build from the work already completed.

Students should approach this project as a journey into the unknown. They should be prepared to make mistakes, get messy, and potentially come up empty handed. A large part of the project will include figuring out how to make failure and frustration productive, how to document a research process so that future researchers might benefit, and how to enjoy the research rabbit holes.



FINAL ARTIFACT: RESEARCH PORTFOLIO (100 pts)

To successfully complete this research portfolio, students must choose at least 3 of the following elements:

- Public Facing Multimodal Biographical Article on Author via Wikipedia minimum 250 words, following the tone, format, and style of Wikipedia. Multimodal elements like images, links, sources required. Turn in screenshot.
- Public Facing Biographical Information for Baldwin Website- minimum 300 words, following format and style set by the Baldwin Library (largely academic). Turn in text or screenshot.
- . Bibliography of Sources in MLA format minimum of 5 sources, cited in MLA 8
- Archived Twitter Research Journal- minimum of 25 student generated tweets on the research process; may
 include responses, replies, retweets, and commentary/narrative. Must be archived and turned in as PDF.
- Research Narrative- 600-800 word first person narrative of student's research process; may include multimodal elements such as screenshots, embedded Tweets, photos, handwritten materials.
- Archived Correspondence with Librarians, Scholars, Archivists etc.- minimum of 4 part correspondence (sent from student, reply from librarian, response from student, reply from librarian), or 4 queries on the part of the student; correspondence may provide vital information or be evidence of a dead end.
- Archived Image Files minimum of 5 relevant images, such as family portraits, illustrations by the author, estate images, photos of materials discovered; images archived and turned in as a PDF

Students should archive materials as appropriate, combine into one PDF with an appropriate cover page, and turn in to Canvas no later than 11:55pm on Monday, February 12

Full assignment sheet available at rebekahfitzsimmons.com

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- Archived Twitter Research Journal- minimum of 25 student generated tweets on the research process; may
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- Research Narrative- 600-800 word first person narrative of student's research process; may include multimodal elements such as screenshots, embedded Tweets, photos, handwritten materials.
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POSSIBLY IMPOSSIBLE TASK

As described on the assignment sheet

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SCAFFOLDING: TWITTER RESEARCH JOURNAL

PROJECT STAGE: TWITTER RESEARCH JOURNAL (50 pts)

Each student will use Twitter to chronicle the research process, share resources, seek out assistance from other academics on Twitter and add productive discussion to the course research project as a whole.

At the start of Unit I, each student will use their Twitter feed to begin documenting and chronicling their research into their chosen author. In addition to the standard #J_102kidsci hashtag, each research journal tweet should include #RJ.

Over the course of their research, from January 22-February 12, students will be expected to send at least **30 tweets documenting their research process**. Tweets can be multimodal and informal. Tweets for this assignment may include (but are not limited to):

- Questions the student hopes to answer or would like help in answering
- ☐ Sources the student has found to be useful, either for primary or secondary research
- Observations from research or from work with experts like librarians
- Relevant discoveries from sources, other students, experts, online sources, archives, correspondence etc.
- ☐ Search terms, paths of inquiry, key terms, databases explored,
- □ Dead ends, disappointing results, lack of responses, setbacks, failures, frustrations
- Plans, drafts, versions of portfolio pieces, such as text for Wikipedia article or links to images

Students will also be required to REPLY to at least 10 tweets from peers who are also engaged in original research.

Therefore, by the end of Unit I, students should have, at minimum, **40 tweets total** dedicated to their research process with the hashtag #RJ. Students should aim to use Twitter as a research journal to both record and reflect on their research process as well as to provide feedback and learn from others' progress.

As always with Twitter assignments, keep in mind the potential for a wider audience; students should strive to make Tweets understandable to those outside our course. Making use of additional (existing) hashtags or participating in online forums or discussions may provide you with additional feedback or advice from other scholars. Students should also consider also how to make use of Twitter genre conventions (like threads, group tweets, or tagging) to help communicate ideas to that wider public audience.

SCAFFOLDING: BLOG POST PROGRESS REPORT

PROJECT STAGE: BLOG POST 1 & RESPONSES (30 pts)

Wednesday, January 31 by 11:55pm: Students will write a 300-500 word blog post on the course blog detailing their progress with the Possibly Impossible Research Process. Each blog post must contain the following:

- 1. The name of the author being researched
- 2. A summary of the work done to date
- A brief reflection on the research process (what has worked, what hasn't, what is next to try) then EITHER
 - 4.A proposed plan for the final portfolio OR
 - 4. I-2 questions or concerns the student needs help addressing in order to complete the project*

Friday, February 2 by 11:55pm: Each student will then respond to at least 2 peer blog posts, using the reply function on the course blog, with constructive feedback. Each brief response (100-200 words) should offer feedback, advice, information, tips, or ideas about how the original poster can work through their concerns, improve their research methodology, access materials, or move to new avenues of investigation. Students should consider these two responses an open-ended peer review and should strive to help fellow students improve their work through constructive criticism and concrete feedback.

*Questions should be content based ("How do I best track down publication data on a book? Where can I find census records for the UK?") rather than procedural ("How many tweets do we need? When is the project due?")

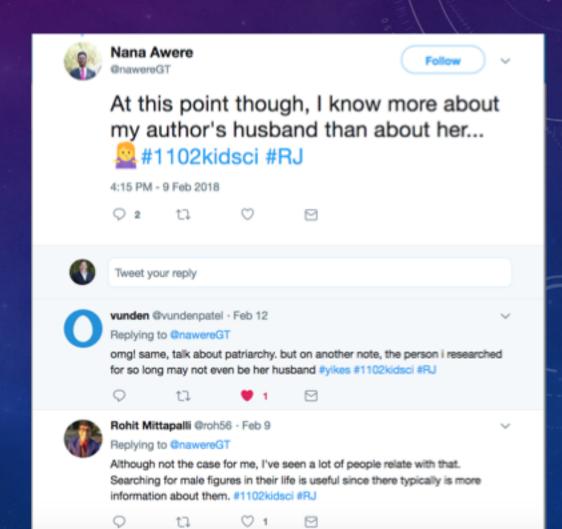
Unit 1 Assignment 2 of 4

PEDAGOGICAL GOALS

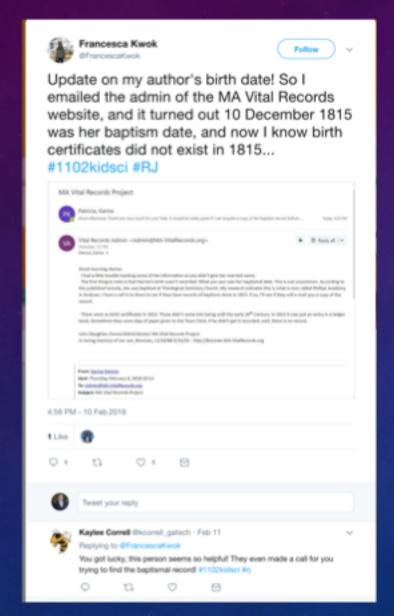
- 1. RESEARCH FEMALE STEM AUTHORS
- 2. DIGITAL RESEARCH (BEYOND GOOGLE)
- 3. THE PROFESSOR DOESN'T KNOW ALL THE ANSWERS
- 4. ENGAGE IN DIFFICULT ORIGINAL RESEARCH THAT MIGHT FAIL

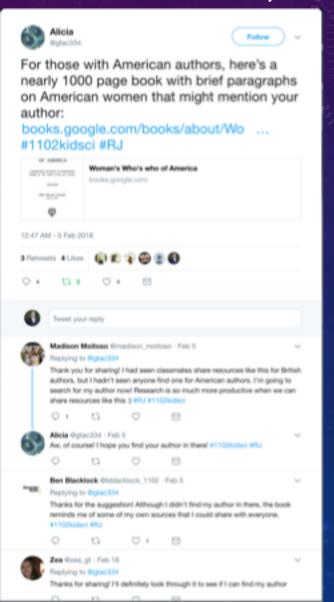
GOAL 1: RESEARCH FEMALE STEM AUTHORS AND HISTORICAL CONTEXTS





GOAL 2: DIGITAL RESEARCH (BEYOND GOOGLE)





GOAL 3: THE PROFESSOR DOESN'T KNOW ALL THE ANSWERS

Charlotte Wake: Possibly Impossible?

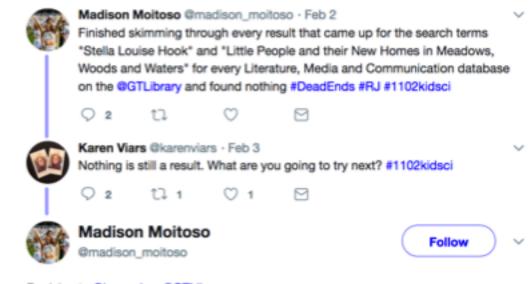
When first receiving the assignment for 'The Possibly Impossible Research Project,' I thought, surely Dr. Fitz has researched these authors, and knows information exists on them. It's just hard to find, so she's challenging us to develop our research skills. Well, that has clearly proved not to be the case.

Over the past few weeks, I have been researching Charlotte Wake, author of *The Beavers* and the Elephant: Stories in Natural History for Children. When first beginning, I opened up Google, thinking this would not be nearly as hard as the assignment made it seem. However, it turns out that the people of Google care way more about The **Charlotte** Center at **Wake** Forest University than they do about my author.

Luckily, I was able to find a complete copy of Wake's book on archive.org. Additionally, in

THERE IS NO "CORRECT" ANSWER



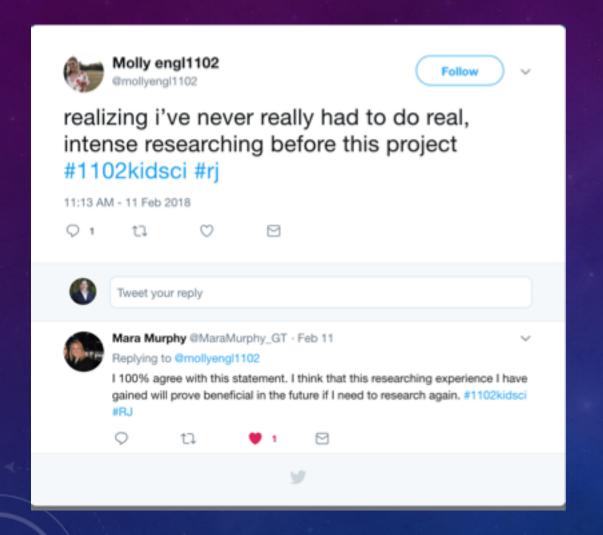


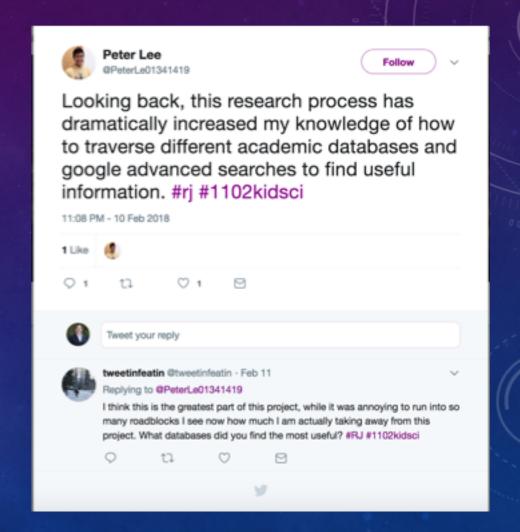
Replying to @karenviars @GTLibrary

I'm going to try some more search terms in the library databases, including Hook's publisher and the cemetery in which she was buried. I'm also going to dig deeper into her family tree to see if she was related to anyone important! #RJ #1102kidsci

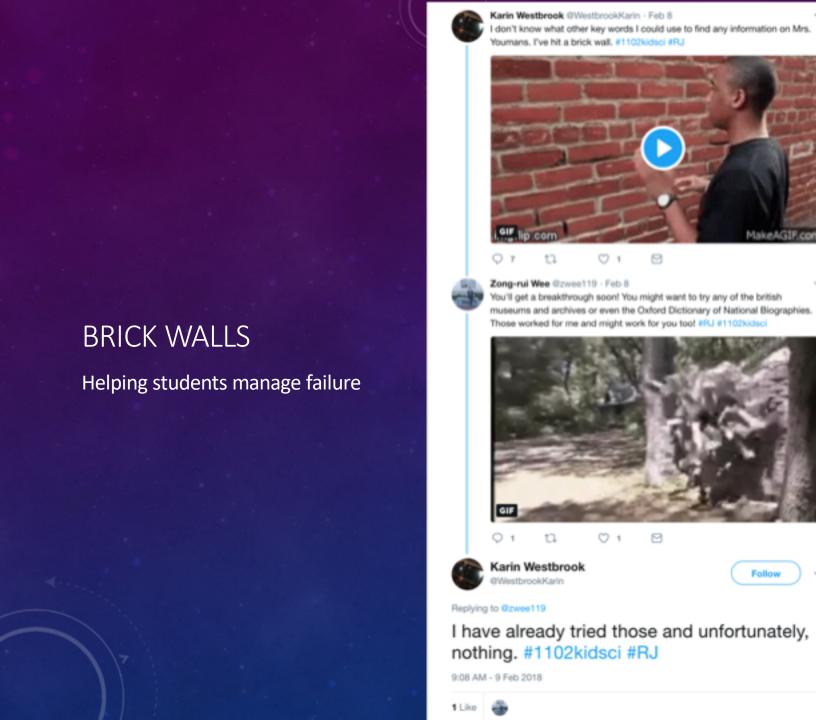
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GOAL 4: ENGAGE IN REAL* RESEARCH THAT MIGHT FAIL





*Real = Difficult and/or Original



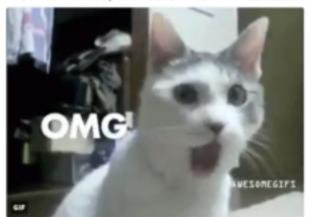


DIGITAL COACHING



Replying to @MaximENGL1102

Nice work! Also, THAT BONNET. #1102kidsci





Replying to @mdume717

So. Frustrating. (Remember to send that thank you follow up anyway!)





Replying to @db110223

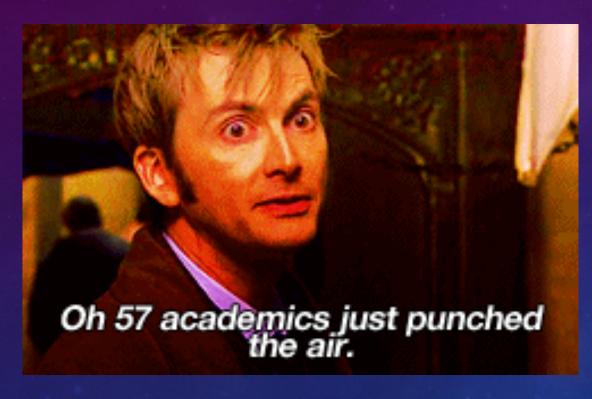
I just want to say that this is ABSOLUTELY a vital part of the research process. You have to give your brain time to recharge (which is also why you should start projects early, so you have time for breaks!) #1102kidsci



OUTCOMES

RESEARCH OUTPUT
STUDENT LEARNING OUTCOMES
FACULTY TAKE AWAYS

I REALLY UPPED MY GIF GAME





RESEARCH OUTPUT

Read Edit View history Search Wikipedia

Kate Louise Brown

From Wikipedia, the free encyclopedia

Kate Louise Brown (May 8, 1857, Adams, Massachusetts (1-7) was a children's educator and author who wrote 17 works in a total of 41 publications, 21 in addition to poems, songs, and magazine articles. 21 She is best known for the books, The Plant Baby and its Friends, Little People, Alice and Tom, and Stories in Songs. 11

Brown was born in Adams, Massachusets and had her first poem published in print at age 9.75 She wrote many children's scientific novels, poems, and periodical articles, many of which surround nature and botany themes. For example, her book The Plant Baby and its Friends, published in 1896, explains botany like the plant is a child. Brown believed in presenting advanced topics to children in an interesting way as a story, not in testbook form.

While she was most famous for her books, Brown also wrote poems for children ("Goddesses", "The Return", "Clappers", "The Christ Clappers") and music for kindergarten marching plays. Her poems were featured in children's textbooks for school.

Early life [ext]

Brown was born in the Berkshine countryside of Massachusetts and grew up spending her time outside, flourishing her love for nature as she studied birds, animals, and plants 🎮

After her first poem was published at 9, she was given an encouraging letter by the publisher to keep writing. This initial success drove her to begin writing plays and stories. She even began a weekly magazine alongside two children whose parents were authors.

As a child, she drew inspiration from "Ode to Evening," by William Collins, "Daffodits," also known as "I Wandered Lonely as a Cloud", and "Cynthia" which shaped her future poetry. "

Adult life 1001

Her first novel was a story about southern life and slavery with the main protagonist dying at the end. Her later novels greatly contrast this story as she began writing about educational, religious, and science-based topics.

Brown's adult life consisted of teaching and writing. During the day, she taught in association with famous children's teachers of the 19th century: Etzabeth Peabody and Mary Tyler Peabody Mann. When she wasn't teaching, she wrote novels, poems, articles, and songs. If Some of her most popular novels help children interact with science and rature. Alice and Tom is a book of lessons that follows the lives of the two children and the interaction between nature and humans. She also contributed to religious magazines and periodicals. She composed textbooks for children's writing and literature, like The Intenstate Second Reader, and A Third Reader

In The Plant Baby and its Friends, the book is "To Sarah Louise Arrold," a fellow children's writer and grammar teacher, who also was president of the Girl Scouts in 1925.** Amold has "The Little Seed" published in one of her textbooks for teaching grammar and Iterature. Brown was very active in the educational community, as she was in the Author's Club, [3] and had many connections with famous writers.

References 10001

- 1, 4 # 9 C F Harringshaw, William T. Herringshaw's National Library of American Biography. vol. 1, American Publisher's Association, 1909, catalog hathitrust.org/Record/0002013596/Cite.
- 2. **** Brown, Kate Louise 1857-," (MontdCat Identities), 1 Jan. 1964, worldcat.org/identities/con-n67116489/.
- 3. **** fel fel Boston Daily Globe. "LDVES CHILDREN: Kate Louise Brown Bred in the Berkshires." Proquest Historical Newspapers, The Boston Globe, search-proquest compre. (brany gatech-edu/docview/5005343277accounted-11107.
- 4. * Brown, Kate Louise. "Two Little Shoes." C19 Index Information Site, C19: The Nineteenth Century Index, c19index chadwyd.com/searchFullrec.do/3ci.d0059419038citationQuery/Type-FullrecitationQuery/Index-BiotaxionArea-periodicals&inverd-citationArea-
- 5. * Brown, Kate Louise, Plant Baby and its Friends, Silver Burdett and Company Publishers, 1898.
- 6. A "The Little Seed." Stepping Stones to Literature: A Third Reader, by Sarah Louise Amold and Charles B. Gilbert, Silver, Burdett, and Company, 1902, pg. 62.
- 7. A "The Plant Baby and its Friends" &.
- 8. A "Sarah Louise Arnold Papers." Guide to the Sarah Louise Arnold Papers, 1889-1854, Simmons Library, beatleyweb simmons edulosilectionguides/Manuscripts/Collection/AR5084 html.
- 9. A "The Little Seed." Stepping Stones to Literature: a Third Reader, by Sarah Louise Arnold and Charles B. Gilbert, Silver, Burdat and Company, 1902, p. 62

Kate Louise Brown



KATE LOUIS BROWN.

May 8, 1857 December 31, 1921

Reading High School. Bridgewater, Massachusetts

Gosupation Children's writer, children's

advestor

Notable work: The Plant Raby and its Friends. Little People, Alice and Tom.

"The Little Seed"

Children's literature

Edgar M. Brown and Mary T.

Brown

THE LITTLE SEED.

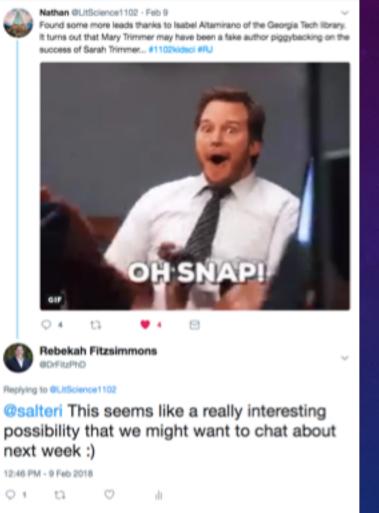
In the heart of a seed. Survival aleath, on aleath, G dear, little plant Lay fast mobers.

"Wade," said the sunshine. "And much to the light: "Stade," paid ble voice Of the saintents hight

The fittle plant heard. Good it seen to see What the beautiful Gutside world might be.

An excerpt of Brown's poem "The Little 67 Seed" in a children's textbook, Stepping Stones to Literature: A Third Reader.

UNEXPECTED DISCOVERIES







Lauren Becknell @BecknellKidSci · Feb 6

So I found evidence of my author, a religious children's writer/teacher, BEING ARRESTED FOR STEALING A PURSE. WHAT #RJ #1102kidsci











Lauren Becknell @BecknellKidSci · Feb 6

And in addition, turns out she used minted coins too and was arrested for that too! Kate what are you doing! I'm so confused! #RJ #1102kidsci

0 1









Lauren Becknell @BecknellKidSci · Feb 6

I wish I could know if she had a rebellious phase in her early 20's, or just was wrongly accused! I can't find any information about her except her works and background. Not a single article about her being arrested. #RJ #1102kidsci

0 1









Rebekah Fitzsimmons

@DrFitzPhD

Replying to @BecknellKidSci

I know as a prof I'm not supposed to have favorites, but I think this might be my favorite discovery to date to come out of this project! Can't wait to see what you have tomorrow!

#4400kidesi

"NO RESULTS" DOESN'T MEAN NO LEARNING



Yes Indeed! we did struggle and that is what made this project so worth it!

#1102kidsci #RJ



Follow

Advice to those embarking on this project in the future:

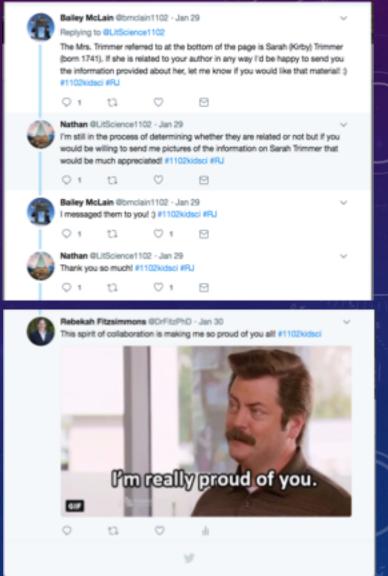
- 1. Put sources into MLA as you go
- 2. Get started early
- 3. Use ideas from friends (team work makes the dream work)
- 4. Dont give up hope last minute break throughs do happen
- 5. Ask the librarians for help!

#RJ #1102kidsci

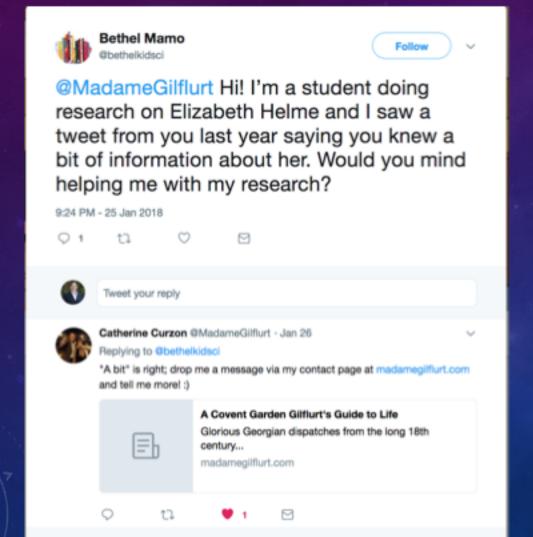
7:57 PM - 12 Feb 2018

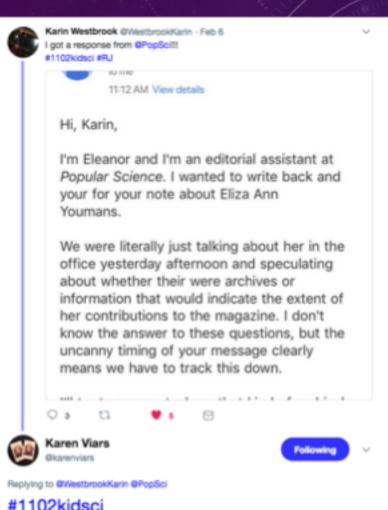
DIGITAL STUDENT COLLABORATION (AND COMMISERATION)





DIGITAL COLLABORATION WITH OUTSIDE EXPERTS





#1102kidsci



6:05 PM - 6 Feb 2018

ASKING FOR HELP IS NOT A SIGN OF FAILURE

[This project] opened up a new side of research that I had never really explored — it is okay to reach out to authorities on a given subject to ask for help and to be pointed in the right direction. . . . I had struck a goldmine by reaching out to the museums and archives, and even when they had no physical resources for me, they had pointed me in the right direction. If reaching out to professors or archivists for information was not one of the few suggested options for the project, I would probably never have found as much information than I actually had.

Student Zong-Rui Wee, final reflective portfolio



QUESTIONS?

THANK YOU!

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Presentation And Materials Available At Rebekahfitzsimmons.Wordpress.Com/Current-research

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