

Data to Action Checklist

Starting Out

- Register for the DataLit Workshop.
- Submit all forms, including teacher agreement and principal approval.
- Familiarize yourself with the All About Arsenic website.
- Attend DataLit Workshop.
- Think about where you'll integrate your arsenic project in your curriculum.

Lab Central, www.allaboutarsenic.org, www.anecdata.org

Introducing SEPA

- When you're ready to start:
- Contact your scientist-partner.
 - Contact the SEPA Education Coordinators:
ME: Anna Farrell
NH: Kate Buckman
 - Integrate the project anywhere in your curriculum.
 - Develop hypotheses with your students.

www.allaboutarsenic.org

Sample Collection

- Prepare sample packets.
- Walk students through registering samples.
- Track who gets which sample # and if the samples are registered and returned.
- Send Anna your tracking information.
- Package & ship your samples to MDI Biological Laboratory

[Sampling Protocol, Sample Tracking, Sample Management](#)

Waiting for Results

- Samples will take 2-4 weeks to be processed. In the meantime:
- Introduce students to the Tuva data literacy software.
 - Begin planning your community meeting.
 - Connect with your scientist-partner and invite them to visit your classroom.
 - Take water-related field trips.
 - Study existing data.

[Tuva, Community Planning Worksheet](#)

Results

- Your school's results will be uploaded to Anecdata and Tuva.
- Walk your students through checking their results.
 - Let families know data is available on Anecdata.
 - Play with the Tuva dataset.
 - Have students ask questions, create claims, provide evidence, and explain their reasoning using graphs.

[Tuva help documents, previous teacher's case studies, arsenic-data.tuvalabs.com](#)

Community Meeting

- Disseminate your school's results in a public meeting, which can be your own event or part of another community event.
- Pick a date.
 - Advertise your meeting.
 - Create outreach materials using your school's data and arsenic facts.
 - Invite Jane, Anna, Kate and your scientist-partner.

[Community Meeting planning worksheet](#)

Evaluation

- Throughout the project, you will submit Quarterly Reports that help project coordinators track project progress, sample volume, and student numbers.
- Project evaluators will conduct surveys and interviews to evaluate project success.

Lab Central -- you will receive a link.

Case Study

- When you've wrapped up your project, write up your process in a case study.
- Include as many details as possible.
 - Attach images, worksheets, and graphs.
- Future teachers will use your case studies to carry out their own citizen science projects.

[Case study template](#)