

# Data to Action Checklist

## Starting Out

- Register for the DataLit Workshop.
- Submit all forms, including teacher agreement.
- 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](http://www.allaboutarsenic.org), [www.anecdata.org](http://www.anecdata.org)

## Introducing SEPA

- When you're ready to start:
- Contact your scientist-partner.
  - Contact the SEPA Leadership team for materials.
  - Integrate the project anywhere in your curriculum.
  - Develop hypotheses with your students.

[www.allaboutarsenic.org](http://www.allaboutarsenic.org)

## Sample Collection

- Prepare sample packets.
- Check permissions paperwork is up to date.
- Walk students through registering samples.
- Track who gets which sample # and if the samples are registered and returned.
- Package & ship your samples to Dartmouth College

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

## Waiting for Results

- Samples will take 4-6 weeks to be processed. In the meantime:
- Introduce students to the Tuva data literacy software.
  - Begin planning your community outreach.
  - Connect with your scientist-partner and invite them to visit your classroom.
  - Take water-related field trips.
  - Study existing data.

[Tuva](#)

## 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](http://arsenic-data.tuvalabs.com)

## Community Outreach

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

## 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](#)