

soilSHOP Tutorial Series

Part 5 of 5:
Health Educators

Screening, Health, Outreach and Partnership



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Expectations

By the end of Part 5, you should be able to:

- Explain the role of the health educator and why it is important.
- Identify action items for health educators.
- Understand how a soilSHOP event works.
- Identify materials and activities needed for a soilSHOP event.
- List the resources available for health educators.

Health Educators

What is the role of the health educator?

Health education is a primary purpose of soilSHOP events. Health educators (typically a team of 3 or 4) conduct one-on-one consultations with soilSHOP participants to review sample results and provide tailored best practices on ways to reduce exposures to harmful soil contaminants.

Health Educators

Why is the role of the health educators important?

Health educators:

- Form connections with participants, review soil sample results, and provide information on reducing exposures to lead and other heavy metals.
- Review and design soilSHOP events and health education material to meet specific needs and concerns of the community.
- Assist with event evaluation efforts and soilSHOP Internal Consultation Evaluation Form after each consultation.

Health Educator Action Items

Pre-event

- Complete soilSHOP trainings.
- Assist with planning and preparation of event.
- Review and design soilSHOP event and health education material to meet the needs and concerns of the community.
- Plan activities to engage participants and non-participants in the soilSHOP.
- Assist with outreach material.
- Review all materials for your station.

During event

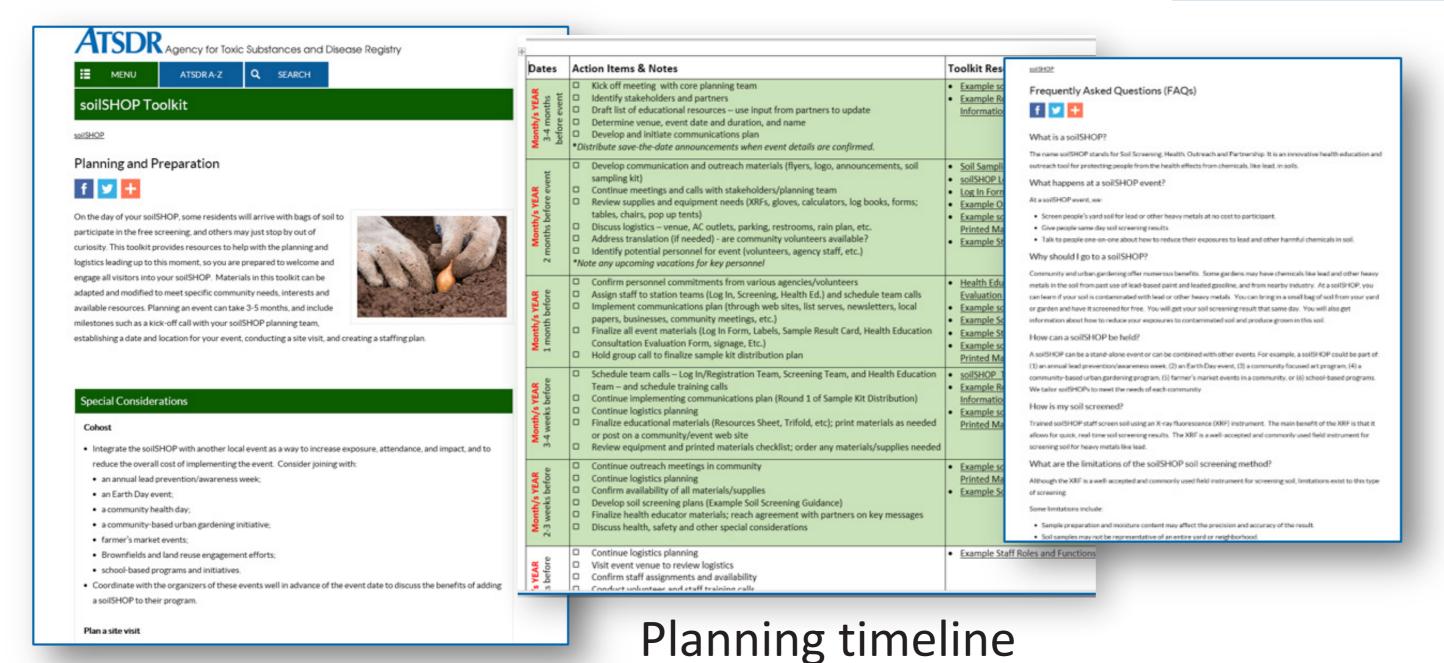
- Ensure all materials are available for your station and activities.
- Conduct one-on-one targeted health education based on screenings.
- Conduct internal evaluations (optional).

Post-event

- Meet with team for follow-up procedures (e.g., review samples that were not screened during the event and speak with participant).
- Evaluate your station: what worked, lessons learned.

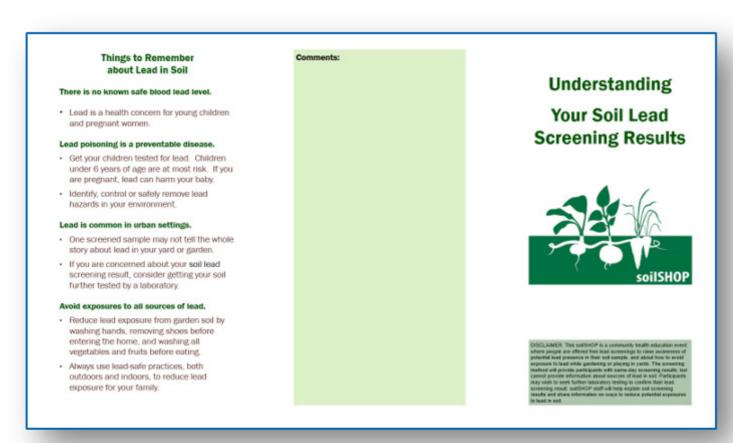
Material examples: planning and preparation

Reviewing these sections can help you prepare for your soilSHOP event and identify things that may come up on event day.



Frequently asked questions

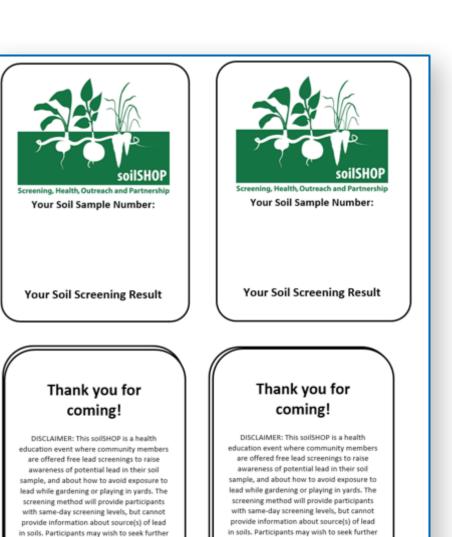
Material examples: educational resources



soilSHOP Trifold (both English and Spanish available)



Modifiable Resource Sheet



Sample Result Card

laboratory testing to confirm their lead screening result. soilSHOP staff will help

explain soil screening results and share

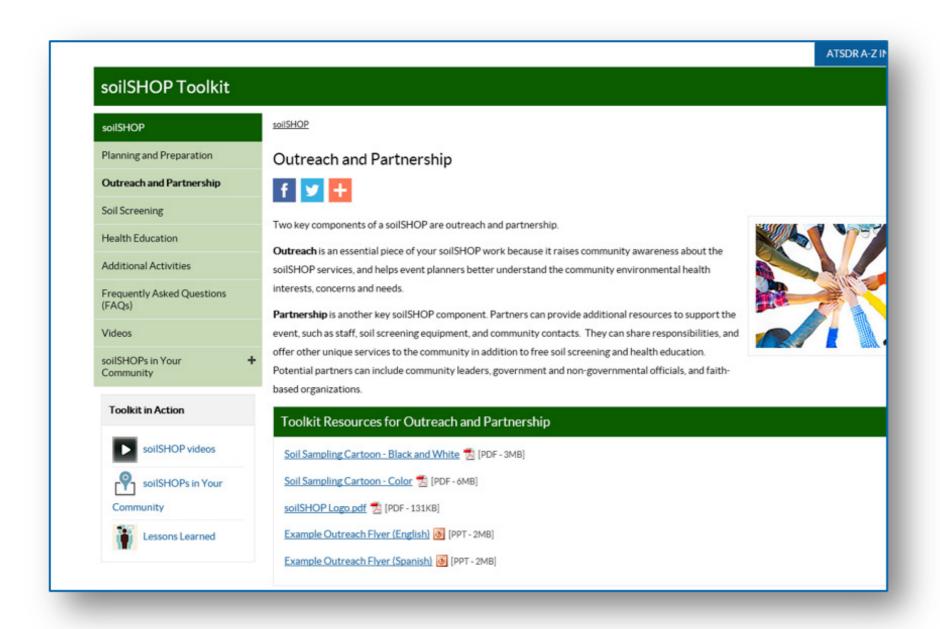
information on ways to reduce potentia

laboratory testing to confirm their lead

screening result. soilSHOP staff will help

explain soil screening results and share information on ways to reduce potential

Material examples: outreach materials



Know your audience when developing materials. Address language barriers. Resources are available in Spanish.



Things to keep in mind when developing materials:

Common questions your audience may ask:

- Is my soil safe for... gardening, playing, etc?
- Why does my yard have different soil lead results?
- How can I get my soil cleaned?
- Did the soil cause me to get sick?

Key health messages:

- There is no known safe blood lead level.
- Lead is common in urban settings.
- Lead poisoning is a preventable disease.
- Exposure to lead can be avoided or reduced by following best practices for gardening and playing in soil.

Things to keep in mind when developing materials:

Key concepts to review with participants:

- Exposure pathways
- Limitations of screening
- Putting soil results into perspective
- De-emphasizing the "number (reading)"

Referrals

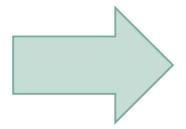
- Where to get blood lead testing
- Where to get additional soil quality testing
- Pediatric or worker health questions

During event

Some health educators may be actively engaging with participants throughout the event. They may provide general event information and lead event activities (e.g., children's activity groups).

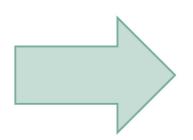


Health educator reviews soil sample results and sample package.





Health educators provide participants with their results and conduct one-one consultation.





Optional: After each consultation, health educators complete the Internal Evaluation Form.

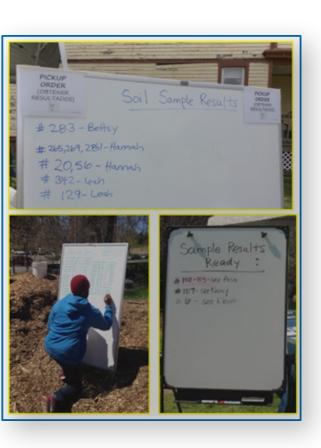
During event

Health Education Station Set-Up:









Health educator stations in these photos display educational material, list the samples ready for pick-up on a whiteboard, and show provided seating areas for consultations.

During Event

Tips:

Assign each sample package to a health educator

- Increases accountability
- Reduces likelihood that sample results will get lost
- Reduces participant wait time

Provide healthy snacks

- To attract participants to the station
- To promote good nutrition

Incorporate kid-friendly activities

To attract participants and engage children









During event

Event examples: engaging activities









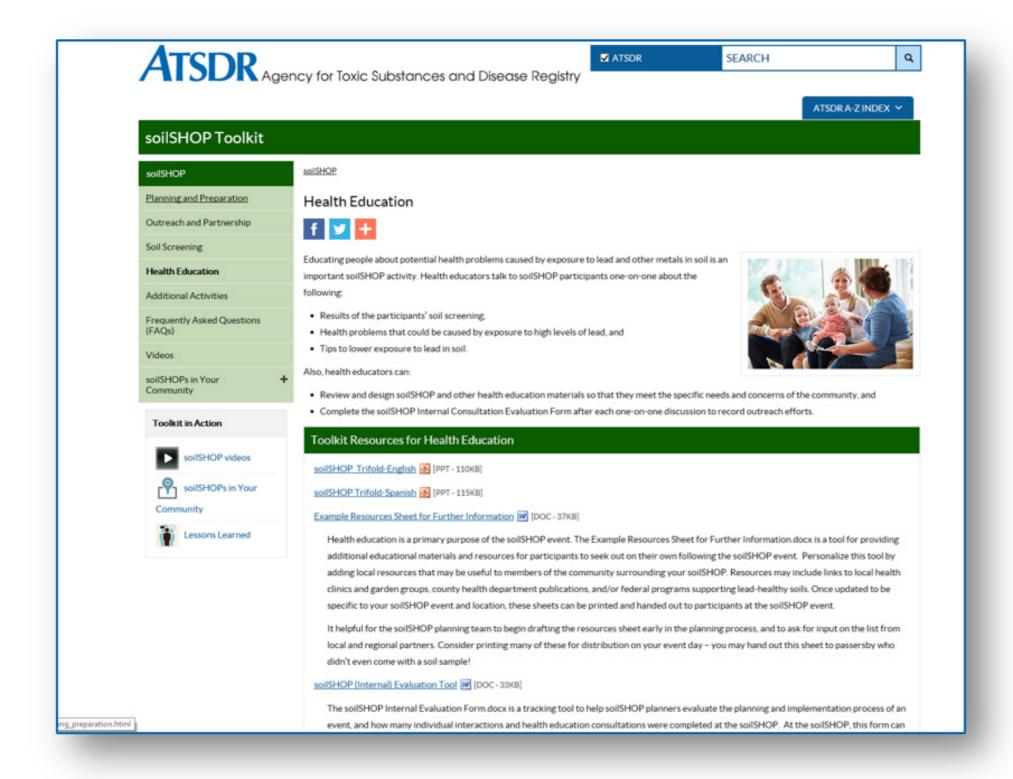


Include complimentary activities like:

- Children's craftstation
- Raffles
- Gardening resources
- Food samples

During event

(Internal) Evaluation Tool:



	Da	te:	
Soil Sa	ample Numb	er:	
soilSHOP (Internal) EVALUATIO	ON TOO	L	
*For use by soilSHOP staff only. Not for public diss			
nstructions: This form should be completed by soilSHOP Health Educate engagement with soilSHOP participants and passersby. Completing this form ca of how many individual interactions and health education/outreach consultati soilSHOP event. Information on this form can also help planners evaluate the process of this event. No personally identifiable information should be collected.	in help event p ions were com ne planning a	planners npleted o nd imple	keep trac during you ementatio
How many people did you speak with or consult this session?			
How did they hear about event?			
[flyer] [word of mouth] [internet] [email] [meeti	ing]		
Other] (specify):			
[gardening] [children's health] [general health] [soil	testing]		
Other] (specify): Oid they bring soil samples to the event? (please circle)	testing]	[soil q	uality]
[gardening] [children's health] [general health] [soil Other] (specify):	testing]	[soil q	uality]
[gardening] [children's health] [general health] [soil Other] (specify): Did they bring soil samples to the event? (please circle) [yes] [no] [Other answer] (describe): How much time did you spend with them (please circle):	testing]	[soil q	uality]
[gardening] [children's health] [general health] [soil Other] (specify): Did they bring soil samples to the event? (please circle) [yes] [no] [Other answer] (describe):	testing]	[soil q	uality]
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Post-event

Post-event: Evaluation

- Team should meet to review follow-up procedures (review samples that may have not been screened due to time limit) and collect all Internal Evaluations.
- Finalize plan to review samples that were not addressed during the event, and provide participants with follow-up contact information.
- Conduct after-action meeting to evaluate your event and identify what worked, what didn't work, and any lessons learned.
- Share your event stories on <u>ATSDR soilSHOP website</u>.

Practice Scenarios

Use the following scenarios to conduct a mock health education consultation with your colleagues and other soilSHOP health educators to help prepare for the real thing!

Scenario 1

- Mother of family with young children (< 6 yrs).
- Family uses yard for gardening and playing.
- The house is newly constructed with mostly bare soil.
- Soil lead results:
 - Garden = 90 ppm
 - Play area = 30 ppm

Practice Scenarios

Scenario 2

- Young couple bought pre-1970s home and is renovating it.
- Mother is two months pregnant.
- They are putting in garden and playground area in yard.
- Home surrounded by cute antique white picket fence.
- Soil lead results:
 - Garden = 390 ppm
 - Play area = 1000 ppm

Practice Scenarios

Scenario 3

- Single male in late twenties rents a property.
- He doesn't garden or play outside in yard.
- He feels lucky because his yard is low-maintenance, just patches of grass and mostly bare soil.
- He frequently throws BBQs and parties in his yard, and likes to invite his friends and family who have young children.
 - Soil lead result = 1600 ppm

Resources

All tools are available on the soilSHOP website:

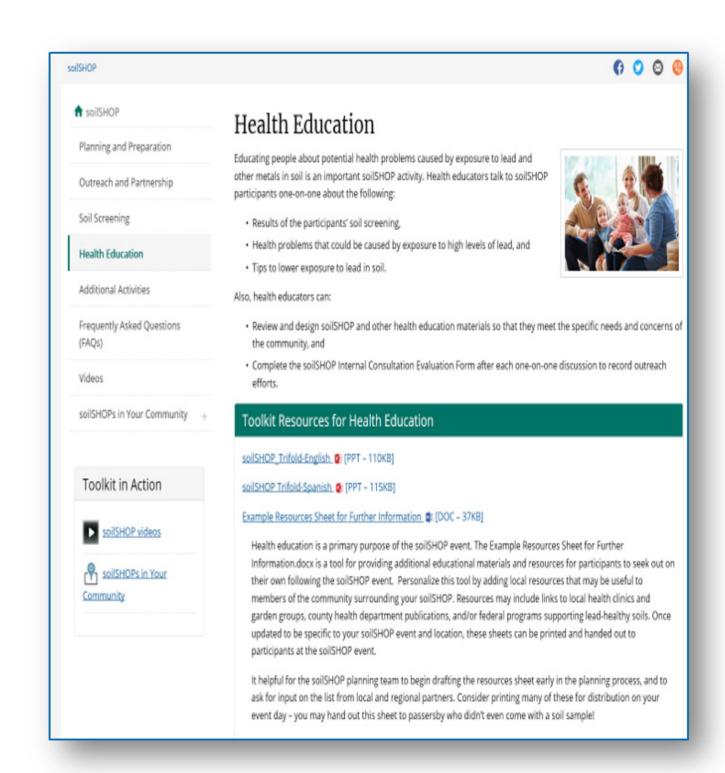
www.atsdr.cdc.gov/soilSHOP

For the Public

- soilSHOP Trifold English (also available in Spanish)
- Example Resources Sheet for Further Information

For soilSHOP Staff

- soilSHOP (Internal) Evaluation Tool
- Log In Form
- Example Staff Roles and Functions



This completes our soilSHOP Tutorial Series. If you have any questions, please contact:
Your <u>ATSDR Regional Office</u> and <u>soilSHOP@CDC.gov</u>.

