

## Lead Contamination Scenario Answer Key

Three toddlers that belong to the same central Miami playgroup are diagnosed with lead poisoning. The families of the children are upset and have lots of questions about what lead poisoning is and how this could have happened. You are the teenage siblings of the children. When faced with this crisis, you get together, determined to solve the mystery in order to protect your families and yourselves against this silent hazard.

Questions for your group:

- 1) What is the problem?

Generate questions about why lead is a problem. What are the consequences of lead exposure?

"Isn't lead a type of metal? How can babies get sick from it?"

- 2) What do we know?

Existing knowledge, rumors/myths, past experience, facts in the paragraph...

- 3) What do we need to know?

"Where is the lead coming from?"

"Did our family do something wrong to cause this sickness?"

"Am I poisoned too?"

- 4) What might a "solution" be?

"Why doesn't our doctor give my sister some medicine to make her well?"