Sample Formal Assessment
Post-Visit Activity Form Grades 3–5

	Excellent	Doing Well	Needs Practice
Identifying a Problem	Student identified a problem and fully described it.	Student identified a problem but did not fully describe it. Or student identified a problem, but it was not one that could be addressed with the tools and information available to the student.	Student failed to or had difficulty identifying a real problem in their school community.
Creating and Using a Diagram or Model to Communicate and Solve a Problem	Student drew a diagram or model that clearly communicated a problem. Student included labels to convey important information. The student used the model as a tool for thinking through the solution to the problem.	Student drew a diagram or model that clearly communicated a problem. Student included at least one label to convey important information.	Student did not draw a diagram or model. Or student drew an incomplete or incorrect diagram or model.
Creating a Solution that Meets Community Needs	Student created a well-thought out solution for the identified problem. The student explained how the solution met at least one community need.	Student created a solution for the identified problem but failed to explain how it met a community need.	Student did not create a solution. Or student created a solution, but it was not well-thought out.
Creating a Diagram or Model to Communicate a Solution	Student created a diagram or model to clearly communicate the solution to a problem. Student used labels to convey important information.	Student created a diagram or model, but it only partially communicated the solution.	Student did not create a diagram or model. Or student attempted creating a diagram or model, but failed to explain the solution.
Describe and Explain Design Choices	Student was able to give two or more reasons for the design choices they made. Student explained how their design solution would improve the school.	Student was able to give only one reason for their design choices. Student did not explain how their design solution would improve the school.	Student did not give a reason for their design choices or failed to describe how their design solution would improve the school