

## Kindergarten Interview Analysis

Question	Pre-Project Response Analysis	Post-Project Response Analysis
<p>What do you think Science is?</p>	<p>Showed understanding of Science - 7 Did not show understanding - 11</p> <p><i>Overwhelmingly, the students did not have a good understanding of what science is. Most responses involved potions and volcanoes.</i></p>	<p>Showed understanding of Science - 13 Did not show understanding - 7</p> <p><i>Much better understanding of science this time. No mention of volcanoes. Still not seeing a lot of scientific language, many mentions of "stuff".</i></p>
<p>Tell me about something we do in Science</p>	<p>Gave relevant example - 11 Did not give a relevant example - 6</p> <p><i>The majority of the students could give a relevant example, though some still could not.</i></p>	<p>Gave relevant example - 20 Did not give a relevant example - 0</p> <p><i>In our post-project interview, 100% of students could give a relevant example of something covered in Science.</i></p>
<p>Where do we do Science?</p>	<p>Classroom - 16 Outdoors - 8 Other - 3 (science room, multi-purpose room, gym)</p>	<p>Classroom - 18 Outdoors - 4 Other - 5 (science room, gym, everywhere)</p>
<p>What tools do we use in Science?</p>	<p>Measuring cups/spoons - 6 Hands/fingers - 2 Body - 1 Paper - 3 Pencils/crayons/markers - 11 Erasers - 2 Paintbrushes - 3 Glue - 2 Scissors - 2 Water - 2</p>	<p>Measuring cups/spoons - 10 Hands/fingers - 7 Eyes - 8 Ears - 5 Nose - 3 Mouth - 2 Body - 1 Paper - 1 Pencils/crayons/markers - 1 Q-Tips - 1</p>

	<p>Magnifying glasses - 1  Syringes - 1  Digging tools - 1  Knives - 1  Trays - 1  Leaves - 1  Wood - 1  Sand - 1  Bags - 1  Food colouring - 1</p>	<p>Glue - 2  Scissors - 2  Water - 3  Magnifying glasses - 1  Scoops - 1  Oranges - 2  Bottles - 1  Sticks - 4  Candy/Peeps - 2  Salt - 2  Beans - 1  Soil - 1</p> <p><i>In the post-project survey, we found students had a better handle on science tools. They now recognize that they can use their various senses in Science.</i></p>
<p>Do you have any questions about Science?</p>	<p>No question - 12  Had a question - 6  Examples:  “Why do they use a cup?”  “If I put a cotton ball in water, will it dissolve?”  “How can people lift lots of stuff?”  “What is Science?”  “What does Science do”</p>	<p>No question - 14  Had a question - 6  Examples:  “Why does science have to be hard?”  “I wonder how big things float”  “How do we do Science?”  “Why do we do Science?”  “How does a bubble float?”  “Do everything sink or do everything float?”</p> <p><i>In the post-project survey, we found that students had more wonderings about science, and that these wonderings were more complex.</i></p>