Student Survey on Science Classes - May 12, 2015

Q.1. "I Like Science Class" <u>*Teacher notes:*</u> *- Our percentage of "Yes" replies was virtually unchanged, however our percentage of "No" replies was cut in half (6% down from 12%). These changed to "Sometimes".*	Yes - 23 (71%)
	No - 2 (6%)
	Sometimes - 7 (22%)
Q.2. "I think Science is Important" <u>*Teacher notes:*</u> *- Our percentage of "Yes" replies increased significantly, from 70% to 81%.*	Yes - 26 (81%)
	No - 2 (6%)
	Sometimes - 4 (12.5%)
Q.3. "If I were the Science teacher, I would make science fun by:" <u>*Teacher notes:*</u> *- Students still seem very interested in hands-on activities* *- Students named many of the things we have done in our projects* *-There are fewer students who don't seem to understand what science is (potions/inventions)* *- Wider range of responses this time as compared to last.* *- No one responded "Don't know" this time, compared to 4 students last time.*	Grow a big garden - 5
	Do experiments - 3
	Work with magnets - 3
	Make potions - 2
	Make machines - 3
	Doing what the kids like to do - 3
	Make something - 2
	Finding different soils - 2
	Learn about plants and have a harvest - 2
	Letting people have second and third turns in activities
	Do chemistry
	Do science every day
	Make a volcano
	Have more worms
	Find different worms and insects
	Build cars
	Let students touch worms without gloves
	Mixing things together
	Doing art
	Blow up something
	By being like Mrs. Pinsent
	Have a party
	Make an Earth out of clay

Q.4. List three things you learned in science this year <u>*Teacher notes:*</u> *- This time around, students listed over 27 concepts, rather than simply naming ideas or materials used.* *- Students seemed to remember the concepts that we learned.* *- There was little misinformation this time.*	We learned about soil/dirt - 10
	We learned about plants - 9
	We learned about magnets - 8
	Plants need room/space - 5
	How plants grow - 4
	There are different soils - 4
	What lives in soil - 4
	Worms make compost out of scraps - 3
	Don't water a plant too much - 3
	Worms - 2
	How to plant a garden - 2
	Bridges - 2
	Pollination - 2
	Measuring/ Weighing - 2
	Soil absorbs water - 2
	Learned about our apples
	Learned about our soils outside
	Magnets have north and south ends
	What soil is made of
	Compost is made of worm castings and rotten food
	Triangles are a strong shape
	I learned what red wigglers are
	Plants don't need soil
	Magnets come from the ground
	Peppers don't like water on their leaves
	Worms can eat eggshells
	Put fertilizer in with plants
	It takes months for carrots to grow
	Worms can't have eggs
	Soil makes apples not have air
	A sunflower can grow bigger than you
	Worms have no gender
	You can make bricks from clay soil
	We got our hands dirty
	We a took a piece off an apple
	We put a piece of apple in the worm bin
	Apples rot over time
	Balloons

Analysis of Students' drawings of Science class (*some drawings may count in more than one category*) *<u>Teacher notes:</u>* *- Only 12.5% of drawings showed traditional classroom set-up; down from 42%.* *- The majority represented students actively engaged in science* *- 31% showed students completing an activity; up from 21%.* *- More than twice as many drawings had materials in students' hands, rather than teachers'.*	Teacher in front of classroom - 4
	Teacher doing a demonstration - 4
	Students doing an activity - 10
	Students and teachers sitting around a table - 5
	Materials in teacher's hands - 4
	Materials in students' hands - 10
	Materials only - 10