

UCSC Tesla Coil Demonstration
Nov. 7, 2000 at Independence High School, San Jose

Partial (~60) FEEDBACK Survey

1) Teacher or Student (circle one)

All students

2) Did you know anything about these demonstrations before you saw them?
(If so how much?)

No = 36

Yes = 15 (via teacher prep)

Yes = 8

3) What did you learn from the demonstration?

Nothing = 3

Who was Tesla = 9

Energy through air = 11

Electricity is dangerous = 7

Physics is fun/interesting = 9

How electricity works = 20

Things get hot from friction = 2

Metal protects you from lightning = 7

4) What did you think worked well for you and what didn't make any sense?

Nothing = 6

It was fun = 34

How did lightning form = 1

Fun especially hands on = 1

What is resonating = 3

How connected with black holes = 1

Why lightning purple = 1

How did the florescent tube light up = 1

How did it work = 3

Meter stick lost me = 3

How did the transformer work = 2

What is it for = 1

5) What suggestions do you have that might make this demonstration better?

(That is easier to understand)

Do something with the coil = 1

Better presentation (power point)/ more explanation = 7

Easier terms = 3

Was just fine = 26

More demos = 2

Let us help = 9

How does the suit protect = 1

Better view of feet = 3

6) Did you have fun at this presentation? Whom will you tell about what you saw today?

Fun = 57

Nothing to talk about = 3

Siblings = 6

Parents/friends = 50

7) Did this demonstration change your opinion about Science?

No = 28 (almost all were "I knew that it was already")

Yes = 30

Science can be dangerous = 3

8) Any other comments?

Website = 1

Good job = 20

Come back = 1

Can I volunteer = 1

See feet better = 1