

Table 1b: Modeling Curriculum and the NYSS that Apply to Each Activity in Unit One

Unit 1		
Activity Number and title	New York State Standard	
1) Introductory Demonstration-Balloon	Standard 1	S2.1 S2.3 S3.1 S3.4
2) Sticky Tape Activity	Standard 1 Standard 6	M1.1 S1 S2.1 2.1 2.2 2.4 3.1
3) Worksheet 1: Behavior of Sticky Tape	Standard 1 Standard 4 Standard 6 Standard 7	S1.1 5.1viii 4.1 4.2 7.1
4a) Activity: Electrophorus	Standard 1 Standard 6	S2.1 S2.3 S3.4 4.1
4b) Activity: Beyond Sticky Tape	Standard 1 Standard 4 Standard 6	S3.1 5.1v 5.1viii 2.2
5) Activity: Conductors and Insulators	Standard 1 Standard 6	S2.1 S2.3 S3.4 1.1 2.2 2.4
6) Worksheet 2: Conductors and Insulators	Standard 1 Standard 6 Standard 7	S3.1 S3.2 4.1 7.1

7) Lab: Coulomb's Law/alternative to lab	Standard 1	S2.1 S2.3 S2.4 M1.1 M2.1 M3.1
	Standard 2	1.5 1.1
	Standard 4	5.1v 5.1vi 5.1viii
	Standard 6	2.2 2.3 2.4 4.2 5.1
8) Quiz 1: Charge Behavior	Standard 6	2.3 4.1
9) Worksheet 3: coulomb's Law	Standard 1	M1.1 S1.1
	Standard 6	2.1 2.3 3.1 3.2 4.1 4.2 5.1 6
	Standard 4	5.1v 5.1vi 5.1vii
10) Quiz 2	Standard 4	5.1v 5.1vi 5.1vii
	Standard 6	4.1 4.2

11) Class Activity (can be done as a lab)	Standard 1	M1.1 M2.1 M3.1
	Standard 4	5.1v 5.1viii
	Standard 6	2.3 2.4 3.1 3.2 5.1 5.2 6
12) Electric Field Due to a Dipole	Standard 1	S1
	Standard 4	4.1v 4.1viii
	Standard 6	1.1
12a) Worksheet 4a: Exploration Using EM Field	Standard 2	1.1 1.5
	Standard 6	5.1
13) Deployment Lab Activity: Seeing E-field	Standard 1	S2.1 S2.3 S3.1 S3.4
	Standard 6	2.4
14) Quantitative Problems	Standard 1	M2.1
	Standard 4	5.1iv 5.1v 5.1viii
	Standard 6	3.2 4.1 4.2 5.1 6.1
	Standard 7	7.1
15) Test	Standard 4	5.1v 5.1viii
	Standard 6	1.1 4.1 4.2