

Table 2b: Modeling Curriculum and the NYSS that Apply to Each Activity in Unit Two

Activity number and title	New York State Standards	
1) Activity: Defining Potential	Standard 1	S1
		4.1v
	Standard 4	1.1
		2.1
		2.2
		2.3
		2.4
		4.1
		4.2
		5.1
2) Worksheet 1: Potential and Uniform Fields	Standard 6	1.1
		2.3
		4.1
3) Lab/Demo/Discussion: Topographic Maps	Standard 1	S2.1
		S2.3
		S2.4
		S3.1
		S3.4
		S3.4
	Standard 4	4.1i
		4.1v
		5.1iii
	Standard 6	1.1
		2.1
		2.2
		2.4
4) Lab: Mapping Electric Potential	Standard 1	M3.1
		S1
		S2.1
		S2.3
		S2.4
		S3.1
		S3.3
		S3.4
	Standard 2	1.1
		1.2
		1.5
5) Worksheet 2: Potential in Non-uniform Fields	Standard 6	2.2
		2.4
		2.4
6) Quiz 1	Standard 1	S1
		2.3
		2.3
7) Worksheet 3: Fields, Potential, and Energy	Standard 4	M1.1
		3.2
		3.2
7a) Worksheet 3a: With EM Field Software	Standard 4	4.1v
		4.1
		4.2
7a) Worksheet 3a: With EM Field Software	Standard 6	M2.1
		S1
		S2.1
		S2.3
		S3.3
		S3.4
		2.4

8) Worksheet 4: Applications of Electric Potential in Uniform Fields	Standard 1	S1
	Standard 4	4.1vii 5.1v 5.1vii 5.1viii
9) Lab/Demo: Bridge to Circuits	Standard 1	S2.1 S3.4
	Standard 4	4.1v
	Standard 6	2.2 2.4
	Standard 1	M2.1 M3.1
	Standard 6	2.3
	Standard 1	M2.1 M3.1 S1 S2.1 S2.3 S2.4 S3.1 S3.2 S3.3 S3.4
	Standard 2	1.1
	Standard 4	4.1i 4.1v 4.1vi
	Standard 6	2.2 2.3 2.4 4.1 5.1 5.2
12) E & M Unit 2 Review	Standard 1	M1.1 M2.1 M2.1
	Standard 4	4.1i 4.1v
	Standard 6	2.1 2.3 5.1
13) Unit Test	Standard 1	M1.1 M2.1
	Standard 4	4.1v