

Table 4b: Modeling Curriculum and the NYSS that Apply to Each Activity in Unit Four

Activity title and number	Applicable standards	
1) Lab 1: New Field Exploration Around a Vertical Wire	Standard 1	S2.1 S2.3 S2.4 S3.1 S3.3 S3.4
	Standard 2	1.2
	Standard 6	2.1 2.2 2.4
2) Lab 2 : Permanent Magnets With Iron Filings	Standard 1	S2.1 S2.3 S2.4 S3.1 S3.3 S3.4
	Standard 4	4.1xv
	Standard 6	2.1 2.2 2.4
3) Worksheet 1	Standard 4	4.1xv 5.1v
4) Demo: Force On a Current Bearing Wire	Standard 1	S2.1 S2.3 S2.4 S3.1 S3.3 S3.4
	Standard 4	5.1v 5.1vi 5.1viii
	Standard 6	1.1 2.1 2.2 2.4 4.1 4.2
5) Lab: Force On a Current Bearing Wire	Standard 1	M2.1 M3.1 S1 S2.3 S2.4 S3.1 S3.3 S3.4
	Standard 6	2.1 2.2 2.3 5.1 5.2

6) Worksheet 2	Standard 4	5.1vii
7) Quiz 1: Fields	Standard 4	4.1xv
8) Worksheet 3: Velocity Selector	Standard 1	M1.1
	Standard 5	5.1vii
9) Activity: Small Motors	Standard 1	M1.1
		S1
		S2.1
		S2.3
		S2.4
		S3.1
		S3.3
		S3.4
	Standard 4	4.1v
		4.1vi
		4.1vii
		4.1viii
13) Test	Standard 1	4.1xv
	Standard 4	M1.1
		M3.1
		4.1xv
		5.1v
		5.1vii