**Unit 1: Practice of Science and Engineering** (embedded in Unit 2, 3 & 4)

1.1 I can ask questions about the natural world. (2.1.1.2.1)
1.2 I can use careful observations to answer questions. (2.1.1.2.1)
1.3 I can identify evidence to support my claims. (2.1.1.2.1)
1.4 I can share my observations and thinking with others. (2.1.1.2.1)
1.5 I can record what happens when I interact with an object. (2.1.1.2.1)
1.6 I can design a solution to help solve a problem. (2.1.2.2.1)
1.7 I can explain why the properties of some materials are better than others for designing an object. (2.1.2.2.2)
1.8 I can explain how an engineered item benefits people. (2.1.2.2.3)

**Unit 2: Physical Science – Properties of Solids and Liquids** (7-8 weeks)

*Modules – FOSS Solids and Liquids*

2.1 I can identify properties of objects. (2.2.1.1.1)
2.2 I can identify the properties of liquids. (2.2.1.1.1)
2.3 I can describe the properties of water as it changes between a solid and a liquid. (2.2.1.2.1)
2.4 I can record what happens when water changes from a solid to a liquid. (2.2.1.2.1)

**Unit 3: Physical Science – Force and Motion** (5-6 weeks)

*Module – FOSS Balance and Motion*

3.1 I can compare an objects change in position to other objects or a background. (2.2.2.1.1)
3.2 I can make objects move in different ways. (2.2.2.1.2)
3.3 I can make objects move at different speeds. (2.2.2.1.2)
3.4 I can explain how push and pull forces make an object move. (2.2.2.2.1)
3.5 I can describe how objects fall on earth. (2.2.2.2.2)

**Unit 4: Earth Science – Weather** (8-9 weeks)

*Module – FOSS Air and Weather*

4.1 I can use tools to measure weather conditions. (2.3.2.2.1)
4.2 I can collect evidence about weather conditions. (2.3.2.2.1)
4.3 I can use evidence to describe weather conditions. (2.3.2.2.1)
4.4 I can identify the properties of a gas. (4.2.1.2.1)

**Unit 5: Life Science – Animal Life Cycles and Needs** (7-8 weeks *additional ongoing observations)

*Module – FOSS Insects*

5.1 I can describe the basic needs of an animal. (1.4.2.1.1, 1.4.2.1.2)
5.2 I can describe the stages of an animal’s life cycle. (1.4.3.1.1)
5.3 I can sequence the stages of an animal’s life cycle. (1.4.3.1.1)
5.4 I can compare the life cycle of an animal offspring to the parent. (1.4.3.1.2)

* Unit is taught when module is checked out

MN Standards: [MN K-12 Academic Standards in Science (2009)]