Lessons on this page were modified or copied from Tennessee Department of Education lessons from training conducted in Summer 2018. Used by permission.

The original lessons are available here: <https://drive.google.com/open?id=1GRkneTbXW_rNpU6ZaRS-iSP4j82xcooj>

Since the development of those lessons, TDOE has released some other materials that might support the delivery of those lessons well. Specifically, they have minimally adapted an NGSS-related document called the observable features. The purpose of that document is to specify the behaviors/thinking behind each practice. For example, the document spells out that a model (for the practice of Developing and Using Models) should have three features: 1) components, 2) relationships between the components, 3) connection to explaining or predicting natural phenomena. A value in this particular definition might be to help teachers differentiate between a model and a picture, for instance.  The observable features are contained in a document that can be found here: <https://drive.google.com/file/d/1D7v23aMPmG9r9qi0ydCB3VEC5f-wzxwd/view?usp=sharing>. (It is Appendix A - page 26 for that document.)

A more complete list of all the TDOE/framework related documents is located here: <https://docs.google.com/document/d/12p2wtd9jxOk7bTk6tSm4evLM4A4AERq6zwJ25tm2qGg/edit?ts=5b1ec86e>.

“You’re welcome to not only use them, but also to adapt, improve, and revise them for your purposes. As far as attribution, I think our largest concern would be merely wanting teachers to know that there are other resources available. We developed a total of eight lessons for last summer.” Brian C. Cain, Science Coordinator, TN Department of Education.