



NGSS and Teacher Camp Curriculum Alignment

The major components of the NGSS are:

- Performance Expectations
- Disciplinary Core Ideas
- Crosscutting Concepts
- Science and Engineering Practices

The **Performance Expectations** are not “curriculum”. They are statements of what all students should be able to do after instruction. They are the targets that should drive classroom curriculum, instruction and assessment. The NGSS performance expectations however are NOT meant to limit the curriculum. They are the basics that all students should master by the time they complete high school.

The performance expectations incorporate 3 dimensions – science and engineering practices, core disciplinary ideas and crosscutting concepts. The 3 dimensions span all grade levels K-12 and all branches of science including engineering. The alignment with the teacher camp curriculum includes all of these dimensions.

The alignment document was designed for a teacher to be able to sort by any of the 4 major components of the NGSS. All of the labs and demonstrations performed during camp week are included. An additional column is included with the heading of “Other”. This column contains some additional correlations to the Common Core State Standards which are separate from the NGSS.

If you are interested in more information about the Next Generation Science Standards (NGSS) the best location is <http://ngss.nsta.org> .