CCLS Conference
Normal, IL
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NGSS Presentation

Three Dimensional Learning Definition

"Grade-appropriate elements of the science and engineering practice(s), disciplinary core idea(s), and crosscutting concept(s), work together to support students in three-dimensional learning to make sense of phenomena and/or to design solutions to problems." EqUIP Rubric

The Next Generation Science Standards
http://www.nextgenscience.org/

How to read the NGSS
http://www.nextgenscience.org/sites/default/files/How%20to%20Read%20NGSS%20-%20Final%204-19-13.pdf

The Framework for K-12 Science Education (requires free registration)
http://sites.nationalacademies.org/dbasse/bose/framework_k12_science/index.htm

Teaching Channel NGSS Videos
https://www.teachingchannel.org/videos/next-generation-science-standards-achieve

NSTA Video 3 Dimensional Learning
https://www.youtube.com/watch?v=XJBN6BX04Ms

What does an NGSS-aligned Classroom Look Like?
Teaching Channel 2nd Grade Classroom
http://nextgenscience.org/resources/video-making-claims-evidence

NSTA Video of elementary classroom
https://www.youtube.com/watch?v=Jal6uAlZcsw

Phenomena-based Science Instruction
http://www.ngssphenomena.com/
Illinois Association of Regional Superintendents of Schools (IARSS) Foundational Services – Science
http://iarss.org/foundational-services/

Teachers Try Science	http://www.teacherstryscience.org/
STEM Teaching Tools	http://stemteachingtools.org/
AAAS NetLinks	http://sciencenetlinks.com/
NSTA Sample lessons	http://ngss.nsta.org/Classroom-Resources.aspx
Teach Engineering	https://www.teachengineering.org/

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