**NGSS Resources**

1. Next Generation Storylines website: <http://www.nextgenstorylines.org>
2. Ambitious Science Teaching website: [www.ambitiousscienceteaching.org](http://www.ambitiousscienceteaching.org)
3. NGSS Phenomena website: [www.ngssphenomena.com](http://www.ngssphenomena.com)
4. EQUiP reviewed lessons (Teachers Try Science website): [www.teacherstryscience.com](http://www.teacherstryscience.com)
5. bpssciencepractices.weebly.com: Boston Public Schools Science Department: 1 hour PLC PD for each practice with facilitation guide and all worksheets
6. [www.betterlessons.com](http://www.betterlessons.com)
7. [www.argumentationtoolkit.org](http://www.argumentationtoolkit.org)
8. [www.sciencepracticesleadership.com](http://www.sciencepracticesleadership.com)
9. [www.stemteachingtools.org](http://www.stemteachingtools.org) (collection of one-pagers on NGSS)
10. Photosynthesis Demonstration: <https://www.youtube.com/watch?v=xRMKiLlpATk> No talking, ask your students to explain this
11. Bozeman Science: Videos about NGSS topics
12. New Jersey Center for Teaching and Learning: unit grade plans [www.NJCTL.org](http://www.NJCTL.org)
13. [www.nextgenscience.org/classroom-sample-assessment-tasks](http://www.nextgenscience.org/classroom-sample-assessment-tasks)
14. [www.cdefoundation.org/stem/ca4ngss/](http://www.cdefoundation.org/stem/ca4ngss/) California Alliance for NGSS
15. [www.sciencedaily.com](http://www.sciencedaily.com) The latest research in science
16. [www.sallyridescience.com](http://www.sallyridescience.com)
17. [www.ngss.solcoe.net](http://www.ngss.solcoe.net) Includes project phenomena
18. [www.nasa.gov](http://www.nasa.gov)
19. [www.studyjams.scholastic.com](http://www.studyjams.scholastic.com)
20. <http://ngss.nsta.org/AccessStandardsByTopic.aspx> Click on a standard, go to the bottom right and see resources and lesson plans that have been evaluated by NGSS@NSTA curators.
21. [www.amnh.org](http://www.amnh.org): 5 tools from the American Museum of Natural History: 1st tool is a set of cards to physically sort for PEs, DCIs, SEPS and CCCs.
22. <http://www.npr.org/templates/story/stor.php?storyld=216924322> For natural selection: Phenomenon-podcast from NPR on rattle-less rattlesnakes in New Mexico
23. [www.ck12.org](http://www.ck12.org) (Free online flexbook textbook)
24. MosaMack
25. Photo Circle: Great way for a group to share pictures around a topic (Free app)
26. Buffalo Case Studies: www.science**cases**.lib.**buffalo**.edu/
27. [www.ck12.org](http://www.ck12.org)
28. Framework: [A Framework for K-12 Science Education:](https://www.nap.edu/read/13165)

Practices, Crosscutting Concepts, and Core Ideas (2012)

<https://www.nap.edu/catalog/13165/a-framework-for-k-12-science-education-practices-crosscutting-concepts>

1. [Guide to Implementing the Next Generation Science Standards](https://www.nap.edu/read/18802) by the National Research Council
2. Rosalind Driver’s book on misconceptions: Making Sense of Secondary Science: Research into children’s ideas
3. Disciplinary Core Ideas: Reshaping Teaching and Learning

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1. Page Keeley’s Probe on “Is It A Model?”
2. Roger Bybee’s article on Science and Engineering Practices in the December 2011 issue of NSTA Journals
3. Victor Sampson’s books: Arguing from Evidence (Biology, Middle School Life Science, Chemistry, MS Physical Science) from NSTA Press
4. non-link Free nano materials, great phenomena
5. Probes: Uncovering Student Ideas in Science by Page Keeley
6. Elementary: Mystery Science