

# Next Generation Science Standards: A State-by-State Guide

The Next Generation Science Standards (NGSS) are a set of K-12 science standards that have been adopted by 25 states and the District of Columbia. The NGSS are based on the latest research on how students learn science and are designed to prepare students for college, career, and citizenship.



## Next Generation Science Standards: For States, By States by Carolyn Wells

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The NGSS are a significant improvement over the previous generation of science standards. They are more rigorous, coherent, and relevant to the real world. The NGSS also emphasize inquiry-based learning and hands-on experiences.

The adoption of the NGSS is a major step forward for science education in the United States. The NGSS will help to ensure that all students have the opportunity to learn science and to develop the skills they need to succeed in college, career, and life.

## **State-by-State Guide to the NGSS**

The following table provides a state-by-state guide to the NGSS. The table includes information on which states have adopted the standards, when they were adopted, and what resources are available to help teachers implement the NGSS.

State	Adoption Date	Resources
Alabama	2015	[Alabama State Department of Education]( <a href="https://www.alsde.edu/">https://www.alsde.edu/</a> )
Alaska	2016	[Alaska Department of Education and Early Development]( <a href="https://education.alaska.gov/">https://education.alaska.gov/</a> )
Arizona	2018	[Arizona Department of Education]( <a href="https://www.azed.gov/">https://www.azed.gov/</a> )
Arkansas	2015	[Arkansas Department of Education]( <a href="https://www.arkansased.gov/">https://www.arkansased.gov/</a> )
California	2013	[California Department of Education]( <a href="https://www.cde.ca.gov/">https://www.cde.ca.gov/</a> )
Colorado	2015	[Colorado Department of Education]( <a href="https://www.cde.state.co.us/">https://www.cde.state.co.us/</a> )
Connecticut	2015	[Connecticut State Department of Education]( <a href="https://www.sde.ct.gov/">https://www.sde.ct.gov/</a> )
Delaware	2016	[Delaware Department of Education]( <a href="https://www.doe.k12.de.us/">https://www.doe.k12.de.us/</a> )
District of Columbia	2013	[District of Columbia Public Schools]( <a href="https://www.dcps.dc.gov/">https://www.dcps.dc.gov/</a> )
Florida	2014	[Florida Department of Education]( <a href="https://www.fldoe.org/">https://www.fldoe.org/</a> )
Georgia	2016	[Georgia Department of Education]( <a href="https://www.gadoe.org/">https://www.gadoe.org/</a> )
Hawaii	2016	[Hawaii Department of Education]( <a href="https://www.hawaiipublicschools.org/">https://www.hawaiipublicschools.org/</a> )
Idaho	2016	[Idaho State Department of Education]( <a href="https://www.sde.idaho.gov/">https://www.sde.idaho.gov/</a> )
Illinois	2015	[Illinois State Board of Education]( <a href="https://www.isbe.net/">https://www.isbe.net/</a> )
Indiana	2015	

[Indiana Department of Education](<https://www.doe.in.gov/>) | | Iowa | 2015 |  
[Iowa Department of Education](<https://www.educateiowa.gov/>) | | Kansas |  
2016 | [Kansas State Department of Education](<https://www.ksde.org/>) | |  
Kentucky | 2015 | [Kentucky Department of Education]  
(<https://education.ky.gov/>) | | Louisiana | 2015 | [Louisiana Department of  
Education](<https://www.louisianabelieves.com/>) | | Maine | 2016 | [Maine  
Department of Education](<https://www.maine.gov/doe/>) | | Maryland | 2015 |  
[Maryland State Department of Education]  
(<https://www.msde.maryland.gov/>) | | Massachusetts | 2016 |  
[Massachusetts Department of Elementary and Secondary Education]  
(<https://www.doe.mass.edu/>) | | Michigan | 2015 | [Michigan Department of  
Education](<https://www.michigan.gov/mde/>) | | Minnesota | 2015 |  
[Minnesota Department of Education](<https://education.mn.gov/>) | |  
Mississippi | 2016 | [Mississippi Department of Education]  
(<https://www.mdek12.org/>) | | Missouri | 2016 | [Missouri Department of  
Elementary and Secondary Education](<https://dese.mo.gov/>) | | Montana |  
2016 | [Montana Office of Public Instruction](<https://opi.mt.gov/>) | |  
Nebraska | 2016 | [Nebraska Department of Education]  
(<https://www.education.ne.gov/>) | | Nevada | 2016 | [Nevada Department of  
Education](<https://www.doe.nv.gov/>) | | New Hampshire | 2016 | [New  
Hampshire Department of Education](<https://www.education.nh.gov/>) | |  
New Jersey | 2016 | [New Jersey Department of Education]  
(<https://www.nj.gov/education/>) | | New Mexico | 2016 | [New Mexico Public  
Education Department](<https://www.ped.state.nm.us/>) | | New York | 2013 |  
[New York State Education Department](<https://www.nysed.gov/>) | | North  
Carolina | 2014 | [North Carolina Department of Public Instruction]  
(<https://www.dpi.nc.gov/>) | | North Dakota | 2016 | [North Dakota  
Department of Public Instruction](<https://www.dpi.nd.gov/>) | | Ohio | 2016 |  
[Ohio Department of Education](<https://education.ohio.gov/>) | | Oklahoma |

2015 | [Oklahoma State Department of Education](https://sde.ok.gov/) | | Oregon | 2015 | [Oregon Department of Education] (https://www.oregon.gov/ode/) | | Pennsylvania | 2016 | [Pennsylvania Department of Education](https://www.education.pa.gov/) | | Rhode Island | 2016 | [Rhode Island Department of Education](https://www.ride.ri.gov/) | | South Carolina | 2016 | [South Carolina Department of Education] (https://www.scdoe.org/) | | South Dakota | 2016 | [South Dakota Department of Education](https://doe.sd.gov/) | | Tennessee | 2016 | [Tennessee Department of Education](https://www.tn.gov/education/) | | Texas | 2017 | [Texas Education Agency](https://tea.texas.gov/) | | Utah | 2016 | [Utah State Office of Education](https://www.usoe.org/) | | Vermont | 2016 | [Vermont Agency of Education](https://education.vermont.gov/) | | Virginia | 2016 | [Virginia Department of Education



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