

# Standards Comparisons Maps

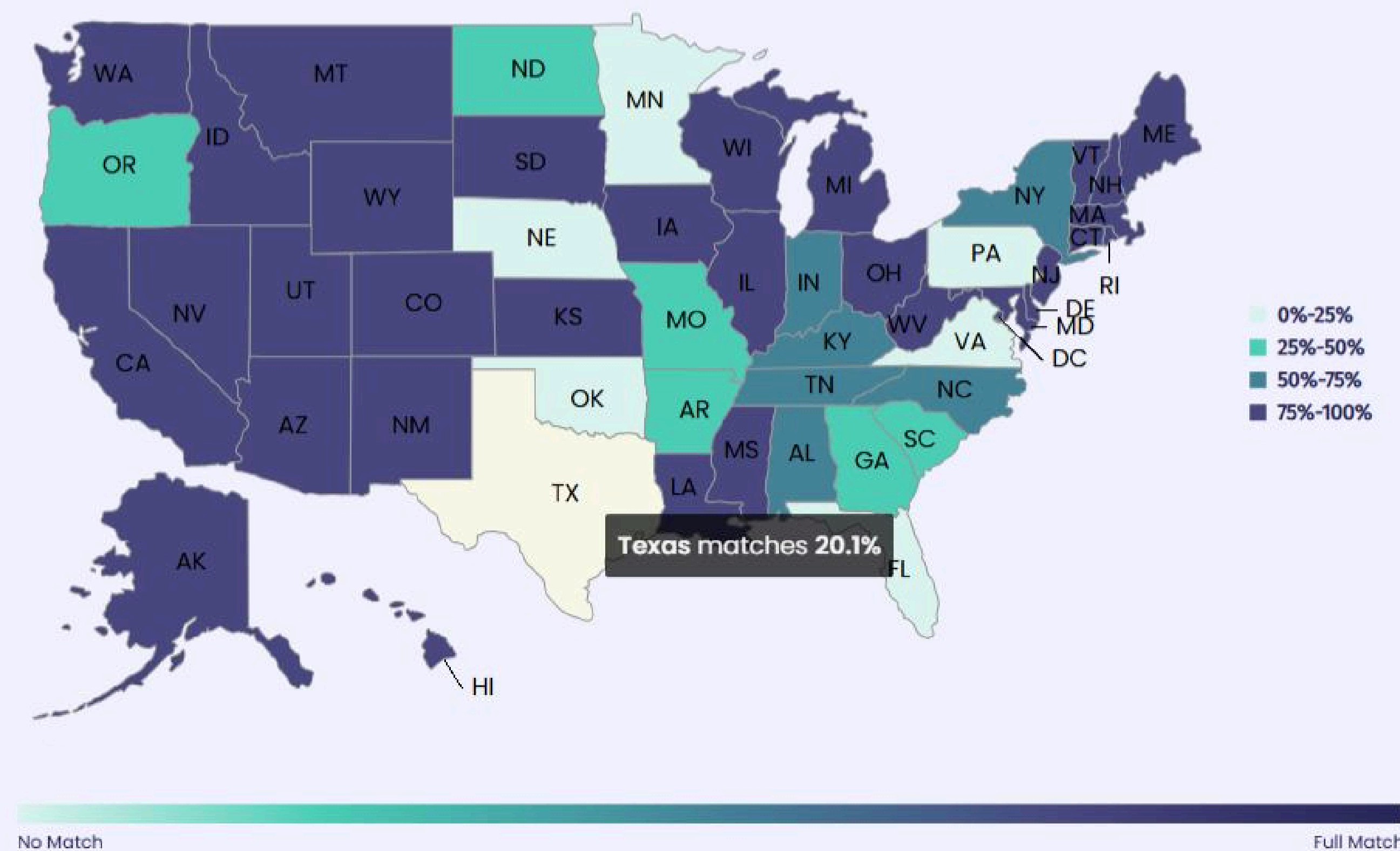
## Advanced Analysis of Learning Standards Comparison: State by State

According to Education Week, most states change education standards every 7–10 years, but minor revisions are continually being made to keep pace with change. The resulting updates can be difficult to track on a state-to-state basis, not to mention keeping pace with change to all 50 U.S. States.

To aid EdTech companies, publishers, and assessment providers in understanding the difference between learning standards on a state-by-state level with granular precision, EdGate has created (using ExACT Advanced Technologies) a series of interactive maps that offer an overview of differences between state standards when compared Common Core, NGSS, C3 and other widely used libraries.

### Mathematics Comparison Against Common Core Standards

The advanced technology behind these maps will soon be available to the education community through the **ExACT Standards Alignment Platform**, offering many features including accurate comparisons between any number of states, as well as comparisons between a state's new version to an older version of learning standards. Currently EdGate can provide customized comparison reports on an as-needed basis.

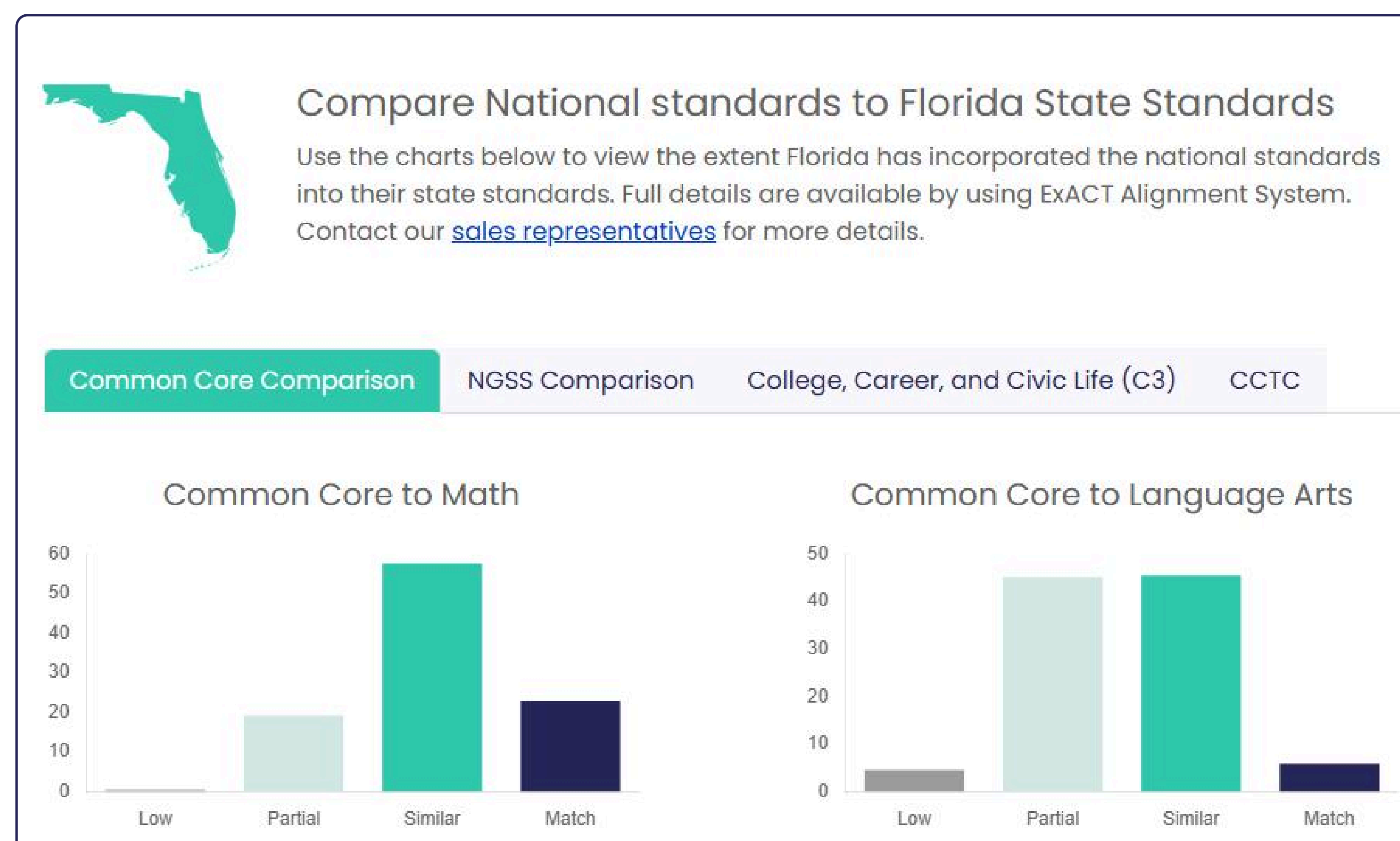
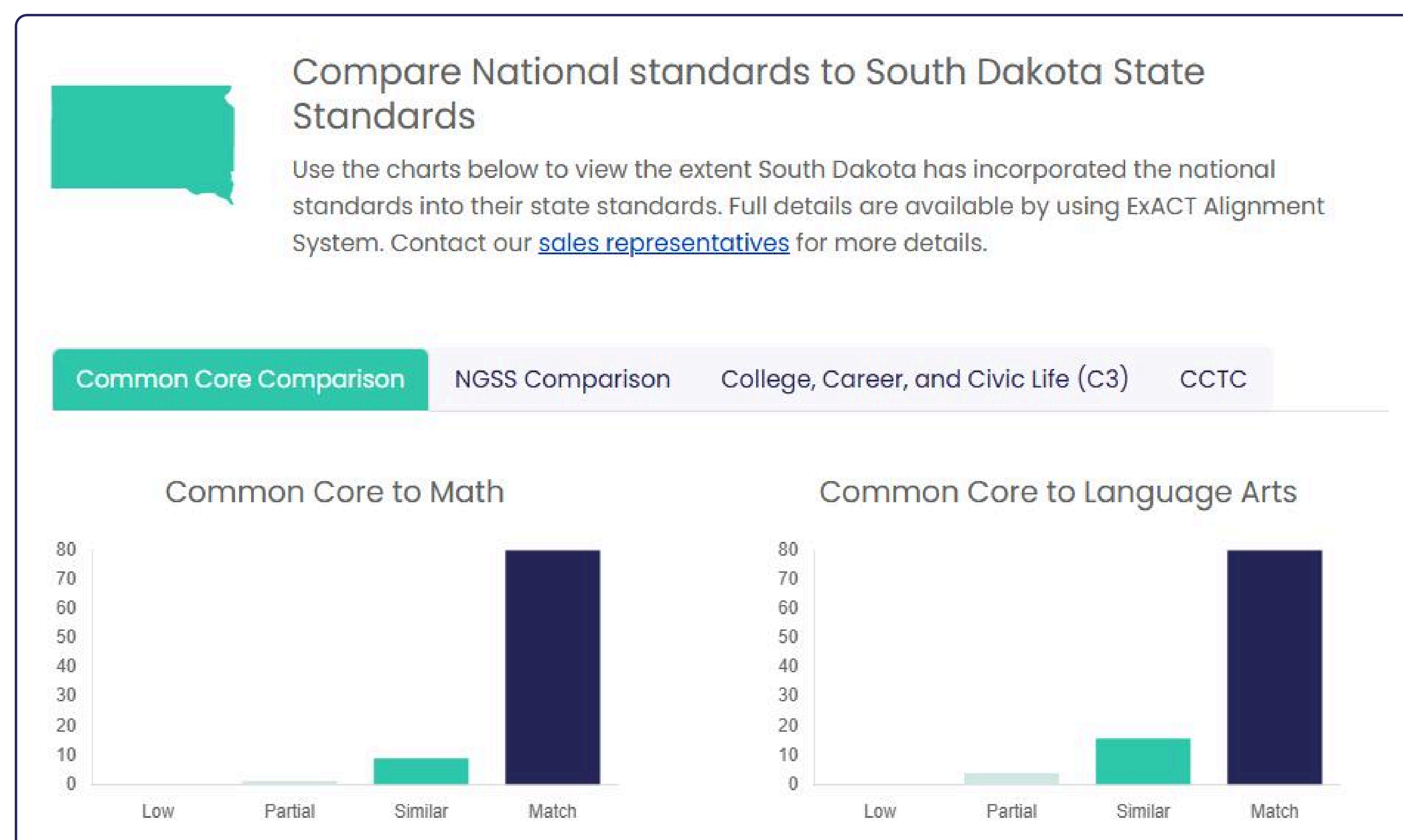


## Keeping Pace in a World of Change

According to National Center for Education Statistics (NCES) 78% of public school principals reported that their schools use content standards to a moderate or great extent to guide curriculum and instruction in all four core subjects. While about two-thirds of principals (64 percent) reported that the content standards in their school for any subject have changed to a moderate or great extent in the last 3 years. Additionally, and by no means less important, are the state departments of education, some of which require third party reviews to confirm compliance with state standards.

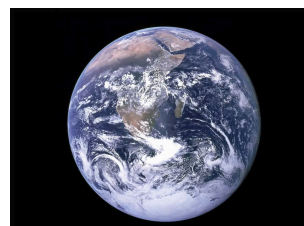
Data on learning standards reveals that many states have revised their standards over time, with changes influenced by new research, shifting educational priorities, and alignment with national assessments. Some states have significantly adjusted core subjects like math and reading—either raising or lowering rigor depending on their goals and grade levels. Interestingly, while some states initially adopted NGSS, our maps show they have since deviated from it. On the flip side, some states that did not adopt Common Core often use language that closely mirrors its structure.

The image below shows how the maps work, displaying comparison data as a percentage basis from “Low” to “Match”. More granular data is available via the ExACT Toolkit, but these charts are useful in understanding the level of match on a state-by-state basis



## A more Granular Match Using ExACT

Designed to handle high volumes of metadata, ExACT allows publishers to globally correlate their content to all appropriate standards in one fell swoop. This means that content is automatically crosswalked to all states, and the system can handle the transition from old standards to new standards just as quickly.



**Why? Tell Me Why: Earth Spin**  
Dr. David Rubenkamp answers the question, Why does the Earth spin? He gives a short explanation of the history of the solar system. He also explains how the moon affects the spinning of Earth. Video is of good quality and is appropriate for middle elementary students.

[View Details](#)

### Florida Standards

Science - Grade K

**FL.SC.K.E. Earth and Space Science**

**SC.K.E.5.**  
Earth in Space and Time - Humans continue to explore Earth's place in space. Gravity and energy influence the formation of galaxies, including our own Milky Way Galaxy, stars, the Solar System, and Earth. Humankind's need to explore continues to lead to the development of knowledge and understanding of our Solar System.

**SC.K.E.5.2.**  
Recognize the repeating pattern of day and night. 📍

**SC.K.E.5.4.**  
Observe that sometimes the Moon can be seen at night and sometimes during the day. 📍

**SC.K.E.5.6.**  
Observe that some objects are far away and some are nearby as seen from Earth. 📍

### Georgia Standards of Excellence

Science - Grade K

**Earth and Space Science**

**SKE1.**  
Obtain, evaluate, and communicate observations about time pattern (day to night and night to day) and objects (sun, moon, stars) in the day and night sky.

**SKE1.b.**  
Develop a model to communicate the changes that occur in the sky during the day, as the day turns into night, during the night, and as night turns into day using pictures and words. 📍

### Texas Essential Knowledge and Skills (TEKS)

Science - Grade K

**112.2. Science, Kindergarten, Adopted 2021**

**112.2.b.**  
Knowledge and Skills

**112.2.b.9.**  
Earth and Space. The student knows that there are recognizable patterns in the natural world and among objects in the sky. The student is expected to:

**112.2.b.9.8.**  
observe, describe, and illustrate the Sun, Moon, stars, and objects in the sky such as clouds. 📍

### Virginia Standards of Learning

Science - Grade K

**Kindergarten - Using my senses to understand my world**

Earth and Space Systems

**K.9.**  
The student will investigate and understand that there are patterns in nature. Key patterns include:

**K.9.c**  
Day and night 📍

For a more detailed look at how ExACT performs, [request a demonstration today.](#)

5801 Soundview Dr. Suite 251 Gig Harbor, WA 98335

(866) 405-3357

info@edgate.com

www.edgate.com

01/09/2025