| State            | How the mathematical practices are included?   | Link to Standards Document   | Year              |
|------------------|--|--|-------------------|
| Alabama          | Included in introduction and displayed prominently in every grade  | Alabama Course of Study: Mathematics   | 2019              |
| Arizona          | Described in the Introduction to Standards Doc   | Arizona Mathematics Standards  | 2018              |
| Connecticut      |  | Connecticut Common Core State Standards                                      |                   |
|                  | Idaho kept the SMPs wording from common core but looked at a lot of other  | Idaho Content Standards  |                   |
| Idaho            | states and created grade level descriptions for SMPs appropriate for the grade level. See resource at right  |  | 2019              |
| Illinois         |  |  |                   |
| Maine            | Included as a part of the introduction to the content standards, along with Maine Guiding Principles   | Maine Mathematics Standards  | 2020              |
|                  |  | Minnesota Academic Standards in Mathematics                                  |                   |
| Minnesota        | Included in the front matter and in an appendix but also have at least 1 of them highlighted for each"benchmark"   |  | 2022              |
| New Hampshire    |  | New Hampshire Common Core Standards  |                   |
|                  |  | Ohio Learning Standards for Mathematics                                      |                   |
| Ohio             |  |  | 2017              |
| Oklahoma         | Oklahoma Mathematical Actions and Process (MAPS) listed in the front matter, as well as across every page of the standards, and have been incorporated into the Math Framework   | Oklahoma <u>standards</u><br><u>document [sde.ok.gov]</u>                    | 2022              |
| Oregon           | Added by Jacob 7/13/2023   | Oregon Standards with Explanations   |                   |
| U                |  | https://www.oregon.gov/ode/educator-resources/standards/mathematics/Document | ts/2021OregonMatł |
| West Virginia    | Included on page 5-7 of the content standards policy and on math4life website  |  | ?                 |
| Wisconsin        | Included on main standards webpage as a link to the document <u>Wisconsin</u><br><u>Standards for Mathematics [dpi.wi.gov]</u> , 2021. If you scroll down further you'll<br>find a one-pager that highlights the SMP with a WI tweak to SMP3 as well as<br>introductory language that supports connections to <u>two Wisconsin specific shifts</u><br>[dpi.wi.gov] associated with our revised standards (Shifts 1 Identity & 2 Flexible<br>User). | <u>main</u><br>standards webpage [dpi.wi.gov]                                | 2021              |
| Wyoming          | Wyoming's 2018 Standards has SMPs for each grade level up to 8th grade and one set for HS.   | Wyoming Standards Document   | 2018              |
| British Columbia |  | https://curriculum.gov.bc.ca/curriculum/mathematics                          |                   |

| Link to other documents  | Comments   |
|--|--|
|  | SMPs same as CCSS  |
|  | SMPs same as those in CCSS   |
|  | CC with no changes   |
|  | These were our sources for our grade level intros: Boaler, J. (2016).<br>Mathematical Mindsets. San Francisco, CA: Jossey-Bass. California Department<br>of Education. (2021)  |
|  | SMPs same as those in CCSS   |
|  | Recently completed standards revision and just added SMPS, new for them. SMPs mirror CCSS SMPs   |
|  | CC with no changes, but districts can choose to adopt their own standards instead if they wish. This does not exempt them from the state assessments though which are based on the Common Core Standards.  |
| Support Docs for SMPS; Standards for Mathematical<br>Practice [education.ohio.gov].  |  |
|  | We have provided 90-minute Meetups on each Practice, posted these, and created<br>Facilitation Guides for those who wish to use them in their district or at an Educational  |
|  | Service Center.  |
| Oklahoma Math Framework and Grade-level Objective<br>Analysis pages  | Oklahoma has our general Oklahoma Mathematical Actions and Processes (MAPS) listed<br>document [sde.ok.gov]. The MAPS categories are listed across every page of our standard<br>[okmathframework.pbworks.com] page (Prealgebra linked for reference). We have also in |
|  | [okmathframework.pbworks.com] (in the Framework) in the Student Actions section.   |
| nStandardsCrosswalk.pdf  |  |
| Content Standards Policy on page 5-7 and WVDE<br>Policies and Standards - West Virginia Department of<br>Education [wvde.us] | Referred to as Mathematical Habits of Mind but mirror the CCSS SMP   |

Mirror SMPs with a tweak to #3

California Math Framework Draft. Sacramento, CA: California Department of Education.

Florida Department of Education. (2020). Florida B.E.S.T. Standards: Mathematics. Tallahassee, FL: Florida Department of Education.

Example: 7.1.1.1 [7.1.1.1]

Formulate statistical investigative questions with data collection, keeping cultural perspectives in mind, which compare differences between groups, require a sample of a population and use categorical and/or numerical data. (MP3, MP6) \$

There is a direct link to this page from our <u>Ohio's Learnng Standards for Mathematics</u> page and each <u>Standards Document</u> by grade starts with the grade-specific Math Practices. We also haven them by grade in the <u>Model Curriculum with Instructional</u> <u>Supports</u> documents (p.9 in the 8th grade document). We are now working together with EdReports on designing a Rubric for districts to use when choosing new "textbooks"/materials. We are trying to guide them to High Quality Instructional Materials (HQIM) and in the rubric we have a whole section on the Math Practices (MPs) – encouraging districts to make sure they are not only incorporated but are "built in" so students have the opportunity to engage in, and learn and grow in the use of the MPs.

in the front matter of our standards <u>ts. We then created grade specific MAPS that are housed in our Frameworks. They can be found at each grade levels home</u> <u>corporated them into our grade-level Objective Analysis pages</u> Massachusetts Department of Elementary and Secondary Education. (2017). Massachusetts Curriculum Framework for Mathematics. Malden, MA: Massachusetts Mathematics. Lincoln, NE: Nebraska Department of Education. Department of Elementary and Secondary Education.

Nebraska Department of Education. (2015). Nebraska's College and Career Ready Standards for

We have put in a lot of work to highlight the importance of designing learning opportunities for the students on the Standards for Mathematical Practice. They are really the heart and soul of mathematics!

Texas Education Agency. (2012). Texas Essential Knowledge and Skills for Mathematics. Austin, TX: Texas Education Agency