

This book has been designed to be fairly intuitive to use, but a few explanations may be helpful. The charts in this book map the activities in the Navigations series onto the Common Core State Standards for Mathematics (CCSSM). Each chart corresponds to one of the grade-level standards or one of the high school content standards. The first column of the chart lists the contents of the standards as they appear on the CCSSM website (www.corestandards.org/Math). The second column identifies activities from the Navigations books aligned with the standards to which they most closely correspond. Some activities have multiple listings because they relate to more than one standard or grade level. The third column identifies the mathematical practices that are covered by the activity, and the fourth column identifies the Navigations book where the activity can be found.

The standard for high school modeling contains no content per se (it is essentially an admonition that modeling good mathematical practice must permeate the entire curriculum); hence there is no separate chart for modeling. Modeling is also one of the Standards for Mathematical Practice, and CCSSM calls attention to modeling as an important component of specific standards that are marked with a star symbol (★). Some of the high school standards have a plus sign (+) in front of them. They are identified as college- and career-ready standards that are included to increase the coherence of the standards but that will not necessarily be found on high-stakes tests.

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The key to the Navigations books listed in column four of the charts is as follows:

Algebra PK–2	<i>Navigating through Algebra in Prekindergarten-Grade 2 (2001)</i>
Algebra 3–5	<i>Navigating through Algebra in Grades 3–5 (2001)</i>
Algebra 6–8	<i>Navigating through Algebra in Grades 6–8 (2001)</i>
Algebra 9–12	<i>Navigating through Algebra in Grades 9–12 (2001)</i>
Geometry PK–2	<i>Navigating through Geometry in Prekindergarten-Grade 2 (2002)</i>
Geometry 3–5	<i>Navigating through Geometry in Grades 3–5 (2002)</i>
Geometry 6–8	<i>Navigating through Geometry in Grades 6–8 (2002)</i>
Geometry 9–12	<i>Navigating through Geometry in Grades 9–12 (2002)</i>
No/Oper PK–2	<i>Navigating through Number and Operations in Prekindergarten–Grade 2 (2004)</i>
No/Oper 3–5	<i>Navigating through Number and Operations in Grades 3–5 (2007)</i>
No/Oper 6–8	<i>Navigating through Number and Operations in Grades 6–8 (2005)</i>
No/Oper 9–12	<i>Navigating through Number and Operations in Grades 9–12 (2005)</i>
Measure PK–2	<i>Navigating through Measurement in Prekindergarten–Grade 2 (2003)</i>
Measure 3–5	<i>Navigating through Measurement Grades 3–5 (2005)</i>
Measure 6–8	<i>Navigating through Measurement Grades 6–8 (2005)</i>
Measure 9–12	<i>Navigating through Measurement Grades 9–12 (2005)</i>

Data/Prob PK–2	<i>Navigating through Data Analysis and Probability in Prekindergarten–Grade 2 (2002)</i>
Data/Prob 3–5	<i>Navigating through Data Analysis and Probability in Grades 3–5 (2002)</i>
Data 6–8	<i>Navigating through Data Analysis in Grades 6–8 (2003)</i>
Probability 6–8	<i>Navigating through Probability in Grades 6–8 (2003)</i>
Data 9–12	<i>Navigating through Data Analysis in Grades 9–12 (2003)</i>
Probability 9–12	<i>Navigating through Probability in Grades 9–12 (2004)</i>
PS/Reason. PK–K	<i>Navigating through Problem Solving and Reasoning in Prekindergarten–Kindergarten (2003)</i>
PS/Reason. Gr. 1	<i>Navigating through Problem Solving and Reasoning in Grade 1 (2004)</i>
PS/Reason. Gr. 2	<i>Navigating through Problem Solving and Reasoning in Grade 2 (2004)</i>
PS/Reason. Gr. 3	<i>Navigating through Problem Solving and Reasoning in Grade 3 (2004)</i>
PS/Reason. Gr. 4	<i>Navigating through Problem Solving and Reasoning in Grade 4 (2005)</i>
PS/Reason. Gr. 5	<i>Navigating through Problem Solving and Reasoning in Grade 5 (2007)</i>
PS/Reason. Gr. 6	<i>Navigating through Problem Solving and Reasoning in Grade 6 (2009)</i>
PS/Reason. 6–8	<i>Navigating through Problem Solving and Reasoning in Grades 6–8 (2009)</i>
PS/Reason. 9–12	<i>Navigating through Reasoning and Proof in Grades 9–12 (2008)</i>
Connections 6–8	<i>Navigating through Mathematical Connections in Grades 6–8 (2008)</i>
Connections 9–12	<i>Navigating through Mathematical Connections in Grades 9–12 (2006)</i>
Discrete PK–5	<i>Navigating through Discrete Mathematics in Prekindergarten–Grade 5 (2009)</i>
Discrete 6–12	<i>Navigating through Discrete Mathematics in Grade 6–12 (2008)</i>