The NAD Secondary Mathematics Committee (NADSMC), which met in June 2017, was composed of five math teachers and two union secondary leaders. They reviewed textbooks from five publishers. Materials for consideration were presented by Houghton Mifflin Harcourt (HMH), Kendall Hunt, Pearson, and McGraw Hill/Glencoe. The NAD Curriculum Committee has accepted the recommendation and publishes the following list of approved mathematics textbooks. Mathematics textbooks were previously reviewed in 2012 and adopted in 2013.

**Committee Observations:**

- Companies offer a wide range of online and digital resources.
- The NADSMC primarily reviewed Algebra I, Geometry, and Algebra II (AGA).
- The HMH textbooks have been split into modules that are shorter than the average chapter, which has the potential to make the content easier for comprehension.
- McGraw Hill/Glencoe continues to be a quality textbook for their content, sequencing, and conventional layout.
- Texts are aligned with Common Core State Standards (CCSS).
- Pearson’s layout is set up for two standard class periods per lesson.

Based on our observations, we are recommending two textbook publisher for AGA, with their strengths and weaknesses listed below.
**Pre-ALGEBRA**

**Recommended:**

Due to the variation in curricular offerings across the NAD, the committee did not review Pre-Algebra textbooks.

For further information and assistance, please consult your union conference office of education.
**ALGEBRA I**

**Recommended:**
McGraw Hill, 2018, Glencoe Algebra 1, Carter  
**Teacher ISBN:** 978-0-07-898515-7 (vol 1)  
: 978-0-07-898518-8 (vol 2)  
**Student ISBN:** 978-0-07-903989-7

**Notable Features/Components:**
- Teacher edition is in two volumes
- Learnsmart program can be used as a study tool to help with a flipped or standard classroom.
- Online, tablet, phone, and chrome online editions are available with offline downloadable capability.
- ALEKS, an adaptive learning and tutoring program, is available with an additional small fee.
- Pricing is available for a digital and textbook package or individual digital/textbook.
- It provides PowerPoint and Smartboard lessons.
- There is a class management tracker.
- There is a chapter 0 for readiness.
- BrainPop is included with the digital textbook.
- Purchasing of the digital format needs to be from the school through the publisher to take advantage of all the features.

The publisher offers webinars and in some cases, is willing to do seminars.

**Recommended:**
Houghton Mifflin Harcourt, 2018, Algebra 1, Kanold  
**Teacher ISBN:** 97813289000050  
**Student ISBN:** 97813289000029

**Comments:**
- Information is organized into shorter sections for assessment.
- Online resources are available, such as a personal math trainer to help students.
- Publisher offers webinars.
- HMH player app is available for iOS and Chrome with downloadable chapters.
- Standards Agnostic (without Common Core labeling) editions are available.
- Purchasing of the digital needs to be from the school through the publisher to take advantage of all the features.

Pricing is available for a digital and textbook package or individual digital/textbook.
GEOMETRY

Recommended:
McGraw Hill, 2018, Glencoe Geometry, Carter

Teacher ISBN: 978-0-07-898490-7 (vol 1)
Student ISBN: 978-0-07-898493-8 (vol 2)

Notable Features/Components:
• Teacher edition is in two volumes
• LearnSmart program can be used as a study tool to help with a flipped or standard classroom.
• Online, tablet, phone, and chrome online editions are available with offline downloadable capability.
• ALEKS, an adaptive learning and tutoring program, is available with an additional small fee.
• Pricing is available for a digital and textbook package or individual digital/textbook.
• It provides PowerPoint and Smartboard lessons.
• There is a class management tracker.
• There is a chapter 0 for readiness.
• BrainPop is included with the digital textbook.
• Purchase of digital format needs to be from the school through the publisher to take advantage of all features.
• The publisher offers webinars and in some cases, is willing to do seminars.

Recommended:
Houghton Mifflin Harcourt, 2018, Geometry, Kanold

Teacher ISBN: 97813289000067
Student ISBN: 97813289000036

Notable Features/Components:
• Information is organized into shorter sections for assessment.
• Online resources are available, such as a personal math trainer to help students.
• Publisher offers webinars.
• HMH player app is available for iOS and Chrome with downloadable chapters.
• Standards Agnostic (without Common Core labeling) editions are available.
• Purchase of digital format needs to be from the school through the publisher to take advantage of all features.
• Pricing is available for a digital and textbook package or individual digital/textbook.
ALGEBRA II

**Recommended:**
McGraw Hill, 2018, Glencoe Algebra 2, Carter

**Teacher ISBN:** 978-0-07-898519-5 (vol 1)
: 978-0-07-898520-1 (vol 2)
**Student ISBN:** 978-0-07-903990-3

**Notable Features/Components:**
- Teacher edition is in two volumes
- LearnSmart program can be used as a study tool to help with a flipped or standard classroom.
- Online, tablet, phone, and chrome online editions are available with offline downloadable capability.
- ALEKS, an adaptive learning and tutoring program, is available with an additional small fee.
- Pricing is available for a digital and textbook package or individual digital/textbook.
- It provides PowerPoint and Smartboard lessons.
- There is a class management tracker.
- There is a chapter 0 for readiness.
- BrainPop is included with the digital textbook.
- Purchasing of digital format needs to be from the school through the publisher to take advantage of all features.
- The publisher offers webinars and in some cases is willing to do seminars.

**Recommended:**
Houghton Mifflin Harcourt, 2018, Algebra 2, Kanold

**Teacher ISBN:** 9781328900074
**Student ISBN:** 9781328900043

**Notable Features/Components:**
- Information is organized into shorter sections for assessment.
- Online resources are available, such as a personal math trainer to help students.
- Publisher offers webinars.
- HMH Player app is available for iOS and Chrome with downloadable chapters.
- Standards Agnostic (without Common Core labeling) editions are available.
- Purchasing of digital format needs to be from the school through the publisher to take advantage of all features.
- Pricing is available for a digital and textbook package or individual digital/textbook.
Recommended:
McGraw Hill, 2018, Glencoe Precalculus, Carter

**Teacher ISBN:** 978-0-07-664203-8  
**Student ISBN:** 978-0-07-664183-3

**Notable Features/Components:**
- Teacher edition is in two volumes
- LearnSmart program can be used as a study tool to help with a flipped or standard classroom.
- Online, tablet, phone, and chrome online editions are available with offline downloadable capability.
- ALEKS, an adaptive learning and tutoring program, is available with an additional small fee.
- Pricing is available for a digital AND textbook package or individual digital/textbook.
- It provides PowerPoint and Smartboard lessons.
- There is a class management tracker.
- There is a chapter 0 for readiness.
- BrainPop is included with the digital textbook.
- Purchasing of the digital format needs to be from the school through the publisher to take advantage of all the features.
- The publisher offers webinars and in some cases is willing to do seminars.

Recommended:
Cengage Learning, 2018, Precalculus with Limits, Ron Larson

**Student ISBN:** 978-1-33-727118-9

**Notable Features/Components:**
- It provides seamless transition from precalculus to calculus.
- Student Companion website features projects, assessments, study tools, videos, and selected solutions.
- Digital access is available through purchase or rent.

Course is fully supported by web assign, which is a course management system.
CALCULUS

Due to the variation in curricular offerings across the NAD, the committee did not review Calculus textbooks. For further information and assistance, please consult your union conference office of education.

CONSUMER MATH

Due to the variation in curricular offerings across the NAD, the committee did not review Consumer Math textbooks. For further information and assistance, please consult your union conference office of education.

Addendum A:

**Length of Mathematics Classes**

Through research and years of experience, it is the opinion of the NADSMC that for the majority of students, learning mathematics is maximized when taught in daily class periods as opposed to “block” periods.

Addendum B:

**Alternate Textbooks**

Pearson, 2018, Algebra 1, Kennedy
- **Teacher ISBN:** 978-0-328-93178-1 (vol 1)
- **Student ISBN:** 978-0-328-93179-8 (vol 2)

Pearson, 2018, Geometry, Cuoco
- **Teacher ISBN:** 978-0-328-93180-4 (vol 1)

Pearson, 2018, Algebra 2, Kennedy
- **Teacher ISBN:** 0328931927
- **Student ISBN:** 0328937703

**Comments:**
- This text would adapt well to block schedule, with one lesson per block period.
- The student textbooks are visually appealing.
- The teacher edition is separated into two volumes.
- The teacher edition has scripted prompts.