

North American Division (NAD) STANDARDS

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WHAT ARE STANDARDS?

Standards in education are statements of what students should know (content/knowledge) and be able to do (applicable skills) upon completing a course of study and all the experiences within their school activities.

STANDARDS ARE NOT...

- The **CURRICULUM** or the **METHODOLOGY**
- They are not the student's **full Learning Journey**

The big ideas and essential questions of life are developed from many sources. Beyond the classroom, family and significant others in a young person's life influence the student's personal beliefs and values.

A STUDENT'S FULL LEARNING JOURNEY IS MORE THAN STANDARDS

- The big ideas and essential questions of life are **PART of a student's LEARNING JOURNEY**. These are developed from many sources beyond the classroom, like family, church, significant others, and more.
- It is from these beliefs that a young person develops his or her personal world view.
- As they integrate the knowledge learned at school, and from other sources, they form a coherent understanding of their world.
- Hopefully, they put into practice how to use the skills acquired and how to participate in their community to improve themselves and others.

NAD STANDARDS REFLECT THE ADVENTIST WORLDVIEW

- **CREATION:** What is God's Intention?
- **FALL:** How has God's purpose been distorted?
- **REDEMPTION:** How does God help us to Respond?
- **RE-CREATION:** How can we be restored to the image of God?

NAD K-12 STANDARDS

- Language Arts (K-12)
- Math (K-12)
- Physical Education / Health (K-12)
- Science (K-12)
- Social Studies (K-12)
- Technology / Computer Ed (K-12)
- Bible (9-12)
- Business Education (9-12)
- Fine Arts (9-12)
- Foreign Languages (9-12)

In addition to common core, all NAD standards contain concepts that are unique to our Adventist World View in goals and philosophy.

COMMON CORE VS NAD STANDARDS

Common Core MATH - Grade 6

Grade 6 » Statistics & Probability

Develop understanding of statistical variability.

CCSS.MATH.CONTENT.6.SPA.1

Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. *For example, "How old am I?" is not a statistical question, but "How old are the students in my school?" is a statistical question because one anticipates variability in students' ages.*

CCSS.MATH.CONTENT.6.SPA.2

Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.

CCSS.MATH.CONTENT.6.SPA.3

Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.

<http://www.corestandards.org/Math/Content/6/SP/>

NAD Standard MATH - Grade 6

6	Statistics and Probability	6.DSP.1 Develop understanding of statistical variability (6.SP.1,2,3)
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Reference to actual common core is stated in parenthesis at the end.

<http://adventisteducation.org/curriculum/elementary/standards>

COMMON CORE VS NAD STANDARDS

Common Core MATH - Algebra I

High School: Number and Quantity » Quantities*

Reason quantitatively and use units to solve problems.

CCSS.MATH.CONTENT.HSN.Q.A.1

Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays.

CCSS.MATH.CONTENT.HSN.Q.A.2

Define appropriate quantities for the purpose of descriptive modeling.

CCSS.MATH.CONTENT.HSN.Q.A.3

Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.

<http://www.corestandards.org/Math/Content/HSN/Q/>

NAD Standard MATH - Algebra I

AI.6 Be able to apply appropriate techniques, tools, and formulas to interpret and solve problems.

AI.6.1 Calculate measurable attributes of figures (degrees of angles, lengths, perimeter, area, volume).

N-Q.1,2,3

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<http://adventisteducation.org/curriculum/secondary/standards>

ELEMENTARY MATH STANDARDS CORRELATION (By Our Teachers 4 Our Teachers)

- Pacific Union Education Website: <https://paucedu.adventistfaith.org>
- Under Resources on the Menu: <https://paucedu.adventistfaith.org/resources>
- Scroll down to “Standards” Topic/Heading
- Click Elementary Math Standards Correlation:
<https://paucedu.adventistfaith.org/elementary-math-standards-correlation>