

## National Standards Reference Guide

\*Denotes the standards that align with all Educaching™ lesson plans.

**Language Arts & Reading:**\*NL-ENG.K-12.1*Reading for Perspective*

-Students read to build an understanding of texts and themselves; to acquire new information; and to respond to the needs and demands of society and the workplace.

\*NL-ENG.K-12.3*Evaluation Strategies*

-Students apply a wide range of strategies to comprehend, interpret, and evaluate texts. They draw on their prior experience, their interactions with other readers and writers, their knowledge of word meaning and of other texts, their word identification strategies, and their understanding of textual features (e.g., sound-letter correspondence, sentence structure, context, graphics).

\*NL-ENG.K-12.8*Developing Research Skills*

-Students use a variety of technological and information resources (e.g., libraries, databases, computer networks, video, GPS receivers) to gather and synthesize information and to create and communicate knowledge.

\*NL-ENG.K-12.12*Applying Language Skills*

-Students use spoken, written, and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion, and the exchange of information).

**Mathematics:**\*NM-GEO.3-8.2*Geometry*

-Students will be able to specify locations and describe spatial relationships using coordinate geometry and other representational systems.

\*NM-DATA.3-8.3*Data Analysis & Probability*

-Students will be able to develop and evaluate inferences and predictions that are based on data.

\*NM-PROB.CONN.PK-12.3*Connections*

-Students will be able to recognize and apply mathematics in contexts outside of mathematics.

\*NM-PROB.PK-12.3*Problem Solving*

-Students will be able to apply and adapt a variety of appropriate strategies to solve problems.

NM-NUM.3-8.1, NM-NUM.3-8.2,NM-NUM.3-8.3*Number and Operations*

-Students will understand numbers, ways of representing numbers, relationships among numbers, and number systems.

-Students will understand meanings of operations and how they relate to one another.

-Students will compute fluently and make reasonable estimates.

NM-MEA.3-8.1, NM-MEA.3-8.2*Measurement*

-Students will understand measurable attributes of objects and the units, systems, and processes of measurement.

-Students will apply appropriate techniques, tools, and formulas to determine measurements.

NM-DATA.3-8.1*Data Analysis & Probability*

-Students will formulate questions that can be addressed with data and collect, organize, and display relevant data to answer those questions.

NM-PROB.PK-12.1, NM-PROB.PK-12.2*Problem Solving*

-Students will build new mathematical knowledge through problem solving.

-Students will solve problems that arise in mathematics and in other contexts.

NM-PROB.COMM.PK-12.1, 12.2, 12.3, 12.4*Communication*

-Students will organize and consolidate their mathematical thinking through communication.

-Students will communicate their mathematical thinking coherently and clearly to peers, teachers, and others.

-Students will analyze and evaluate the mathematical thinking and strategies of others.

-Students will use the language of mathematics to express mathematical ideas precisely.

NM-PROB.CNN-PK-12.1*Connections*

-Students will recognize and use connections among mathematical ideas.

NM-PROB.REP.PK-12.1*Representation*

-Students will create and use representations to organize, record, and communicate mathematical ideas.

**Social Studies:**\*NSS-G.K-12.1*The World in Spatial Terms*

-Students will understand how to use maps and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective.

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-The students will understand how to use mental maps to organize information about people, places, and environments in a spatial context.

### \*NSS-G.K-12.6

#### *The Uses of Geography*

-Students will understand how to apply geography to interpret the present and plan for the future.

### Science:

### \*NS.K-8.1

#### *Science as Inquiry*

-Students will develop the ability necessary to do scientific inquiry and will develop an understanding about scientific inquiry.

### NS.K-4.2

#### *Physical Science*

-Students will develop an understanding of position and motion of objects.

### \*NS.K-8.5

#### *Science and Technology*

-Students will develop an understanding about science and technology.

### NS.K-8.6

#### *Personal and Social Perspectives*

-Students will develop an understanding of science and technology in local and societal challenges.

### NS.5-8.7

#### *History and Nature of Science*

-Students will develop an understanding of the nature of science.

### Technology:

### \*NT.K-12.1

#### *Basic Operations and Concepts*

-Students demonstrate a sound understanding of the nature and operation of technology systems. Students are proficient in the use of technology.

### \*NT.K-12.2

#### *Social, Ethical, and Human Issues*

-Students practice responsible use of technology systems, information, and software. Students develop positive attitudes toward technology uses that support lifelong learning, collaboration, personal pursuits, and productivity.

### \*NT.K-12.3

#### *Technology Productivity Tools*

-Students use technology tools to enhance learning, increase productivity, and promote creativity. Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other creative works.

### \*NT.K-12.5

#### *Technology Research Tools*

-Students use technology to locate, evaluate, and collect information from a variety of sources. Students use technology tools to process data and report results.

### \*NT.K-12.6

#### *Technology Problem-Solving and Decision-Making Tools*

-Students use technology resources for solving problems and making informed decisions. Students employ technology in the development of strategies for solving problems in the real world.



*Educaching is fun and can be used to display how teamwork can get things accomplished.*



*Educaching gets students out of the classroom and into a fun learning environment. It not only helps them exercise their brains, but exercise their bodies too.*