



North Hampton School

North Hampton School Report Card

8th Grade

Supporting Document

1st Trimester

This supporting document provides additional information about the skills taught in each course this trimester, including each competency and the associated power standard(s) assessed.

In the PowerSchool portal, you can see the score for each of these Power Standards. If your child earned a "3" in a particular powerstandard, that means that they can consistently and independently meet the skill expectations for the trimester. These powerstandards' scores inform the competency score found on the report card.

Please see the curriculum page on the school website, www.northhamptonschool.org, to view the supporting documents for your child's unified arts classes.

ELA

Reading Literature: Students will comprehend and draw conclusions about the author's intent when reading a variety of increasingly complex print and non-print literary texts, citing textual evidence to support their analysis.

Power Standard #1 Comprehension Strategies Craft and Structure

Analyze the central idea and meaning of text and understand how literary devices are used

Power Standard #2: Text Evidence Key Ideas and Details

Use text evidence to support inferences, summarize for the main idea, analyze theme and/or how elements of a story interact

Argument Writing: Students will produce clear, coherent, and effective opinion/argument writing for a range of text types, purposes, and audiences with others. reasons and relevant evidence.

Write arguments to support claims with clear reasons and relevant evidence

Power Standard #1: Introducing Claims

Introduce claims about a topic or issue, acknowledge and distinguish the claim from alternate or opposing claim(s), and organize the reasons and evidence logically

Power Standard #2: Supporting Evidence

Support claim with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic using credible sources

Information Writing: Student will produce clear, coherent, and effective informative writing for a range of types, purposes, and audiences.

Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.

Power Standard #2: Evidence

Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or examples

Power Standard #3: Style and Tone

Establish and maintain a formal style and objective tone

Narrative Writing: Students will produce clear, coherent, and effective narrative writing for a range of types, purposes, and audiences.

Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences using effective technique, relevant descriptive details, and well-structured event sequences.

Power Standard #2: Narrative Techniques
Use dialogue, pacing, and description to develop experiences, events, and characters
Language: Students will use grade-appropriate grammar, mechanics, and vocabulary to clarify a message appropriate to the purpose and audience.
Power Standard #1: Conventions
Demonstrate command of standard English grammar, usage, punctuation, and spelling
Mathematics
Algebraic Functions, Patterns, & Relations: Students will make use of structure to describe and compare situations that involve proportionality, change, or patterns and use the information to make conjectures and justify conclusions/solutions.
Power Standard #3: Modeling
Uses functions/equations to model relationships between quantities
Expressions and Equations: Students will reason abstractly and manipulate symbolic expressions to represent relationships and interpret expressions and equations in terms of a given context for determining an unknown value.
Power Standard #3: Solving
Analyze and solve linear equations and systems of linear equations
Power Standard #4: Simplify
Use operations to simplify numeric and algebraic expressions
Geometry: Students will solve problems involving reasoning using properties of 2- and 3- dimensional shapes to analyze, represent, and model geometric relationships in pure/theoretical and authentic applied contexts.
Power Standard #1: Transformations
Describe, construct and apply transformations (translations, reflections, rotations and dilations)
Power Standard #4: Angles
Determine unknown values by applying angle properties
Science
Physical Science: Students will explain and predict a wide variety of phenomena using their understanding of the structure of matter and of the interactions between matter and energy.
Power Standard #4: Waves and Their Applications
Demonstrates an understanding of the characteristic properties of waves and how they can be used.
Power Standard #2: Motion and Stability
Demonstrates an understanding of physical interactions between objects and within systems of objects
Science and Engineering Practices: Students will develop the practices necessary to engage in scientific inquiry, acquire knowledge, and develop solutions.
Asking Questions and Define Problems
Asks and refines questions that lead to descriptions and explanations of how the natural and designed world works and which can be tested
Developing and Using Models
Develops, constructs and uses models to represent ideas, explanations, and relationships in the natural and human-made world
Constructing Explanations and Designing Solutions
Constructs explanations and designs solutions using multiple sources of evidence (qualitative and quantitative) consistent with scientific ideas, principles and theories
Engaging in Argument from Evidence

Constructs and presents a convincing argument that uses a relevant amount of evidence to support or refute claims for either explanations or solutions about the natural and designed world(s).

Using Mathematics and Computational Thinking

Accurately apply appropriate mathematical concepts and methods to answer scientific questions or engineering problems.

Social Studies

Inquiry: Students will engage in group and individual research to investigate, analyze, integrate, and present information, demonstrating an understanding of the use of credible and relevant sources.

Power Standard #2: Collection

Find, use and cite a variety of reliable sources to understand how individuals, groups, and societies interact.

Content: Students will examine how humans have interacted with each other and with the environment over time through the study of history, civics, economics, and geography.

Power Standard #1: History

Demonstrates historical knowledge in order to support an investigation of the past

Power Standard #3: Geography

Demonstrates geographic knowledge in order to understand the world around them

Self-Direction: Students will initiate and manage personal learning and demonstrate a growth mindset through self-awareness, goal-setting, ownership, perseverance, managing learning, and self-reflection in order to develop personal goals.

Student engagement in and completion of formative assignments are used to inform this competency. This score indicates whether the student has completed formative assignments (class and homework) to the best of their ability and completed assignments on time. As with most formative assignments, there is a maximum score of 3 for this competency.

skill expectation 1: work to the best of their ability and complete assignments on time

skill expectation 2: responsible for their own learning and able to persevere through challenges and access support when needed