

Essential Skills

Draft 3.0

Read and comprehend a variety of texts* at different levels of difficulty.

1. Demonstrate the ability to understand increasingly challenging texts.
2. Interpret key points of texts, distinguishing factual from non-factual and literal from inferential elements.
3. Follow instructions from informational or technical text to perform a task, answer questions, and solve problems.

*text includes all forms of written material, oral communication, and media

Write clearly and accurately for a variety of purposes.

1. Adapt writing strategies for different audiences, purposes, and contexts in a variety of formats and media.
2. Use writing strategies to develop supported and focused arguments, including compare-contrast reasoning and logical arguments.
3. Use appropriate conventions to write clearly and coherently, including correct use of grammar, punctuation, capitalization, spelling, sentence construction, and formatting.

Listen actively, speak clearly, and present publicly

1. Listen actively for clarity and understanding of verbal and non-verbal communication.
2. Give and follow spoken instructions to perform a task, answer questions, and solve problems.
3. Use both verbal and non-verbal techniques to communicate clearly and effectively.
4. Use language appropriate to particular audiences and contexts

Think critically

1. Identify and explain the key elements of a complex event, issue, problem or phenomenon.
2. Design an investigation strategy to explore the interdependency of the key elements of a complex event, issue, problem or phenomenon.
3. Gather and evaluate the quality of relevant evidence from multiple primary and secondary sources.
4. Propose defensible conclusions resulting from the consideration of multiple and diverse perspectives, and evaluate the strength of conclusions based on evidence and the quality of reasoning and apply the conclusions to new situations.
5. Differentiate reasoning based on empirical data from reasoning based on opinions or other persuasive techniques.

Apply math to solve problems in a variety of settings

1. Interpret the concepts of a problem solving task and translate them into mathematics.
2. Choose and carry out workable mathematical strategies to accurately solve problems.
3. Produce evidence to defend and verify the solution.
4. Communicate the verified solution using pictures, symbols, models and/or vocabulary.

Use technology to learn, live, and work

1. Use creativity and innovation to generate ideas, products, or processes using current technology.
2. Use technology to participate in a broader community through networking, collaboration and learning.
3. Recognize and practice legal and responsible behavior in the use and access of information and technology.
4. Use technology as a tool to access, research, manage, integrate, and communicate ideas and information.