

Second Draft of Core Competencies

Communicate: Students **communicate** effectively in many different situations, involving diverse people and viewpoints when they are able to:

1.1 Read

a. Locates, comprehends, and interprets various types of written information in prose and in documentations, such as: manuals, graphs, and/or on schedules

1.2 Write

a. Communicates thoughts, ideas, information, and messages in writing

b. Composes and creates documents, such as: letter, reports, memorandums manuals, and graphs with correct grammar, spelling, punctuation, and appropriate language, style, and format

c. Checks, edits, and revises written work for correct information, appropriate emphasis, form, style, and grammar

1.3 Speak

a. Organizes ideas and communicates oral messages appropriate to the audience and the situation

b. Participates in conversations, discussions, and group activities

c. Speaks clearly and asks questions

1.4 Listen

a. Receives, attends to, interprets, and responds appropriately to verbal and/or nonverbal messages

Critical Thinking: Students are developing **critical thinking** when they use multiple perspectives to:

2.1 Demonstrate observation skills

2.2 Identify a problem to be solved, task to be performed, or decision to be made

2.3 Gather appropriate information from multiple sources

2.4 Evaluate information

2.5 Make inferences and connections

2.6 Identify criteria to evaluate the solution, process, or decision

2.7 Formulate alternative solutions, processes, or decisions and identify potential consequences

2.8 Select an appropriate solution, process, or decision

Cultural/Global Awareness and Citizenship: Students are developing **global awareness and citizenship** when they:

3.1 Express an understanding of the interconnections and interactions among people and systems (political, economic, social, and natural) and the necessity of balancing human needs with the limitations of world resources

3.2 Accumulate knowledge of and experience with people in their own and other cultures, past and present, and how they live, think, communicate, and view the world

3.3 Describe the impact of the global economy on life, work, and opportunities

3.4 Recognize the commonality of human experiences across cultures

3.5 Recognize the influence of diverse cultural perspectives on human thought and behavior

3.6 exhibit a sense a community and be sensitive to cultural and global diversity;

3.7 exercise civic responsibility;

3.8 give service to others;

3.9 respect and care for our natural environment

Ethics: Students are developing a sense of personal, social, professional, and work **ethics** when they:

4.1 Accept responsibility for their own actions

4.2 Demonstrate respect for the rights, views, and work of others

4.3 Exhibit personal, professional, and academic honesty

- 4.4 Recognize their responsibility to personal, social, professional, educational, and natural environments and make informed decisions based on that responsibility
- 4.5 Display behavior consistent with the ethical standards within a discipline or profession

Personal Development: Student demonstrate a high level of **personal development** when they:

5.1 Understand and Manage Self

- Accurately assesses own knowledge, skills, and abilities
- Motivates self and sets realistic goals
- Accepts that feedback is critical to success

5.2 Manage Change

- Adapts to change

5.3 Personal Responsibilities

- Exerts effort toward achieving goal
- Responds appropriately to challenging situations
- Displays integrity through ethical choices

5.4 Wellness

- Manages time
- Manages personal finances
- Manages personal health and well being

5.5 Teamwork and Relationship Maintenance

- Demonstrates appropriate social skills in group settings
- Listens and accepts others ideas, thoughts, and feelings
- Effectively contributes ideas and suggestions to the team
- Demonstrates leadership by motivating and mentoring others
- Differentiates and participates in various relationships successfully

5.6 Conflict Resolution

- Works toward a mutual agreement
- Respects varying viewpoints or divergent interests

5.7 Workplace Skills

- Is dependable, reliable, and accountable
- Meets deadlines and completes tasks
- Maintains a professional attitude

Quantitative Reasoning: Students are learning to use **quantitative reasoning** effectively when they:

- 6.1 Utilize basic computational methods.
- 6.2 Utilize models to predict outcomes.
- 6.3 Interpret numerical data.
- 6.4 Use experimental methods.
- 6.5 Demonstrate measurement techniques.
- 6.6 Generate visual representation of data.
- 6.7 Use critical thinking skills in a mathematical context
- 6.8 Recognize limitations of quantitative data.

Science and Technology: Students are learning to use **science and technology** when they:

- 7.1 Use scientific principles appropriately in problem-solving and decision-making
- 7.2 Apply the scientific method by organizing, analyzing, and interpreting data appropriately
- 7.3 Use appropriate scientific equipment, methods, and safety precautions
- 7.4 Describe the changing nature of and the interaction among science, technology, and society
- 7.5 Use critical thinking skills to approach and use new technology
- 7.6 Use appropriate technology to manage information, solve problems, communicate, develop products, and provide services