North Dakota Library & Technology

Grades 9, 10, 11, 12

Adopted 2012

Information and Inquiry

Inquire

1. Assess the problem or need using current knowledge as context for new learning. 9-12.IAI.1
2. Develop and refine a range of questions based on a problem or need. 9-12.IAI.2

Access

3. Select most appropriate library print, digital, and subscription resources from school, academic, and public libraries. 9-12.IAI.3
4. Use advanced and multiple search strategies to locate resources. 9-12.IAI.4
5. Retrieve identified information resources independently. 9-12.IAI.5

Evaluate

6. Evaluate information found within selected resources on the basis of accuracy, currency, reasonableness, appropriateness, credibility, detail, support, and bias within different social and cultural contexts. 9-12.IAI.6
7. Devise new search strategies based on information gaps and new understanding. 9-12.IAI.7

Develop and Share

8. Interpret and draw conclusions from information and apply new knowledge to curricular areas and real world situations. 9-12.IAI.8
9. Organize, analyze, and synthesize information using technology and other tools. 9-12.IAI.9
10. Collaborate with others to exchange ideas, develop new understandings, make decisions, and solve problems. 9-12.IAI.10
11. Communicate information and ideas to demonstrate that a pattern of evidence leads to a decision or conclusion. 9-12.IAI.11
12. Evaluate and reflect on the inquiry process using assessment techniques and develop strategies for future investigations. 9-12.IAI.12

Media and Technology Lit

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Technology Operations and Concepts

Define and use grade-appropriate media and technology terminology in context. 9-12.MTL.1

2. Select the appropriate technology to accomplish a goal. 9-12.MTL.2
3. Perform appropriate operations using technology to accomplish a goal. 9-12.MTL.3
4. Configure, use, and troubleshoot technology systems and applications. 9-12.MTL.4
5. Transfer current knowledge to the learning of new technologies. 9-12.MTL.5

Creative and Innovative Processes and Products

6. Transfer current knowledge to generate new ideas, products, or processes. 9-12.MTL.6
7. Create original products and processes by selecting varied digital resources, tools, and formats for a real-world task. 9-12.MTL.7
8. Use models and simulations to investigate and explain complex systems and issues. 9-12.MTL.8
9. Analyze past, present, and future technologies. 9-12.MTL.9

Communication and Collaboration

10. Use technology to participate and collaborate as a member of a social and intellectual network of learners. 9-12.MTL.10
11. Use technology to gather and share information with a variety of audiences in ways that others can view, use, and assess. 9-12.MTL.11

Personal Learning and Growth

Learning Communities

1. Develop cultural understanding and global awareness by engaging with people of other cultures. 9-12.PLG.1
2. Gather and evaluate divergent perspectives to support or to change personal opinions. 9-12.PLG.2
3. Model leadership and confidence by presenting ideas to others in both formal and informal situations. 9-12.PLG.3

Reading, Listening, and Viewing for Life-Long Learning

4. Demonstrate appreciation and self-motivation as a reader by selecting and using information for personal learning and enjoyment. 9-12.PLG.4
5. Integrate a variety of genres, formats, and authors of literature into personal reading choices. 9-12.PLG.5
6. Read widely and fluently to make connections with self, the world, and previous learning. 9-12.PLG.6
7. Transfer current knowledge to new learning. 9-12.PLG.7
8. Display curiosity by pursuing interests through multiple resources. 9-12.PLG.8
9. Determine and select materials appropriate to personal abilities and interests. 9-12.PLG.9

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Responsible Use of Information and Technology

Intellectual Property and Ethics

1. Adhere to copyright laws when using information in any format. 9-12.RU.1
2. Use citation tools and a standard format to ethically reference the intellectual property of others. 9-12.RU.2
3. Analyze and revise personal work to avoid plagiarism. 9-12.RU.3
4. Demonstrate respect for and proper use of materials and technology. 9-12.RU.4
5. Comply with Acceptable Use Policies. 9-12.RU.5
6. Avoid piracy by practicing and advocating for the safe, legal, and responsible use of information and technology. 9-12.RU.6

Digital Citizenship and Safety

7. Evaluate the past, present, and possible future impact of technology on society. 9-12.RU.7
8. Analyze the principles of intellectual freedom as a basic tenet of democracy. 9-12.RU.8
9. Use appropriate digital etiquette in a variety of situations. 9-12.RU.9
10. Apply safe and ethical behaviors to personal electronic communication and interaction. 9-12.RU.10
11. Advocate and use safe practices for sharing personal information. 9-12.RU.11
12. Promote cyber bullying awareness and apply prevention strategies. 9-12.RU.12