

North Dakota Learning Continuum

Summer 2021

English/Language Arts

Attributes:	Descriptions:
Critical Reading	The ability to comprehend, analyze, and evaluate a wide range of literary and informational texts in diverse formats and at varied levels of complexity.
Organizing & Expressing Ideas in Writing	The ability to produce clear and coherent writing for a range of tasks, purposes, audiences, and formats.
Inquiry & Research	The ability to engage in inquiry to investigate complex problems through research to propose, develop, and justify plausible conclusions and/or solutions.

Attribute:	K-2	3-5	6-8	9-12	Lifelong Learning
Critical Reading	Learners can apply their background knowledge to understand diverse texts. Learners can use context clues to understand grade level vocabulary in diverse texts. Learners can use foundational reading skills to decode and comprehend diverse texts.	Learners can apply background knowledge, use grade level vocabulary, and apply comprehension skills to understand and analyze diverse texts.	Learners can apply background knowledge, grade level vocabulary, comprehension skills, and analysis skills to understand diverse texts.	While utilizing background knowledge and grade level vocabulary, learners can comprehend, analyze, and evaluate diverse texts.	While utilizing background knowledge, vocabulary, questioning, and purpose, lifelong learners can comprehend, analyze, evaluate, apply, and synthesize diverse texts.

English/Language Arts (continued)

Organizing & Expressing Ideas in Writing	<p>Learners can use a specified writing format for a given purpose.</p> <p>Learners can use tools and strategies to organize their writing.</p> <p>Learners can structure complete sentences that use grade-appropriate grammar and conventions.</p>	<p>Learners can use a writing format appropriate for purpose and audience.</p> <p>Learners can use organizational tools and strategies to develop their ideas in their writing.</p> <p>Learners can effectively express their thoughts through grade-appropriate language, grammar, and conventions.</p>	<p>Learners can adapt their writing for multiple formats, purposes, and audiences.</p> <p>Learners can connect information, experiences, and ideas through organizational structures and precise language.</p> <p>Learners can maintain readability of writing through grade-appropriate grammar and conventions.</p>	<p>Learners can determine the most effective writing format for their purpose and audience.</p> <p>Learners can construct coherent, organized writing that uses complex language and sentence structures to convey information, experiences, and ideas.</p> <p>Learners can ensure readability through attention to grammar and conventions, using multiple resources to check for clarity and accuracy.</p>	<p>Lifelong learners can construct coherent, organized writing that uses complex language and sentence structures to convey information, experiences, and ideas across multiple writing formats.</p> <p>Lifelong learners can ensure readability, using multiple resources to check for clarity and accuracy.</p>
Inquiry & Research	<p>Learners can understand and use question words correctly to explore topics and problems.</p> <p>Learners can engage in guided research.</p>	<p>Learners can pose specific questions to investigate a topic or problem.</p> <p>Learners can use credible research to investigate a topic or problem.</p>	<p>Learners can engage in inquiry by asking relevant questions to identify and investigate problems.</p> <p>Learners can analyze and use credible research to propose and support possible, logical solutions and conclusions.</p>	<p>Learners can engage in inquiry by asking pertinent questions to identify and investigate complex problems.</p> <p>Learners can apply credible research from diverse perspectives to propose, develop, and justify possible, logical conclusions and/or solutions.</p>	<p>Lifelong learners can act as critical consumers, synthesizing research to provide evidence and support of conclusions.</p> <p>Lifelong learners can generate innovative solutions and anticipate future, unforeseen problems.</p>

Mathematics

Attributes:	Descriptions:
Problem Solving	Analyze, execute, evaluate, and adapt approaches and solutions when problem-solving in novel situations.
Connections	Create connections within and across concepts, using supporting evidence to interpret how they originate, extend, and relate to other learning, ideas, and life experiences.
Reasoning and Proof	Reason logically, citing relevant evidence to explain and critique what they see, think, and conclude through exploration, generalization and validation.

Attribute:	K-2	3-5	6-8	9-12	Lifelong Learners
Problem Solving	Learners can recognize and use strategies to problem-solve situations and determine an appropriate solution.	Learners can develop and carry out a logical plan to problem-solve situations and reflect on the reasonableness of the solution.	Learners can analyze information and formulate a flexible, systematic plan to problem-solve situations and reflect on the reasonableness of the solution.	Learners can analyze, execute, evaluate, and adapt approaches and solutions when problem-solving in novel situations.	Lifelong learners can integrate their cumulative knowledge and life experiences to discern and prioritize information in real-world situations, consider and apply alternative methods of resolution, and evaluate relevancy, efficacy and accuracy of solutions.
Connections	Learners can make connections and demonstrate relationships using words, pictures, or symbols.	Learners can make connections and summarize related ideas using supporting evidence.	Learners can create connections within and across concepts and provide examples of how they relate to other learning and ideas using supporting evidence.	Learners can create connections within and across concepts, using supporting evidence to interpret how they originate, extend, and relate to other learning, ideas, and life experiences.	Lifelong learners can apply connections and develop generalizations within and across concepts to execute effective decision-making or generate new ideas.
Reasoning and Proof	Learners can use prior knowledge and experiences to explain their thinking.	Learners can reason logically based on experience and knowledge, citing evidence.	Learners can reason logically, citing evidence to explain what they see, think, and conclude through exploration and justification.	Learners can reason logically, citing relevant evidence to explain and critique what they see, think, and conclude through exploration, generalization and validation.	Lifelong learners can reason logically to synthesize valid information, and to formulate, investigate, and evaluate claims and evidence.

Science

Attributes:	Descriptions:
Evaluation through Evidence	Obtain, evaluate, and employ evidence to defend or refute claims with explanations.
Analyzing & Interpreting	Integrate and evaluate qualitative and quantitative data to verify patterns and relationships while considering limitations.
Modeling	Integrate prior knowledge and new understandings to evaluate the extent and limitations of models.
Experimentation/ Investigation	Design, evaluate, and revise investigations or explorations to discover new understandings.

Attribute:	K-2	3-5	6-8	9-12	Lifelong Learner
Evaluation through Evidence	Learners can recognize facts to describe observations and answer questions based on prior knowledge and experiences.	Learners can organize facts into evidence to practice constructing explanations and supporting claims.	Learners can extract relevant and reliable evidence to support claims with explanations.	Learners can obtain, evaluate, and employ evidence to defend or refute claims with explanations.	Lifelong learners can critique and synthesize evidence to support learning and respond to diverse perspectives.
Analyzing & Interpreting	Learners can explore information and share observations to answer questions or recognize patterns and relationships.	Learners can identify and organize useful data to compare, contrast, and make sense of patterns and relationships.	Learners can interpret and analyze relevant qualitative and quantitative data to determine patterns and relationships.	Learners can integrate and evaluate qualitative and quantitative data to verify patterns and relationships while considering limitations.	Lifelong learners can synthesize multiple sources of authentic data to generate new learning and add to existing knowledge.

Science (continued)

Modeling	Learners can understand a model as a representation to connect with and make sense of the real world.	Learners can appropriately use and practice creating models to explore and explain concepts.	Learners can develop and modify models to build and demonstrate understanding.	Learners can integrate prior knowledge and new understandings to evaluate the extent and limitations of models.	Lifelong learners can synthesize models of the natural and designed world to inform decision-making as well as understand and solve problems.
Experimentation/ Investigation	Learners can observe, explore, and connect prior knowledge to make predictions and comparisons.	Learners can identify relationships between factors and experience guided investigations to respond to a question.	Learners can manipulate related factors while conducting investigations to explore ideas or answer questions and reflect on the process.	Learners can design, evaluate, and revise investigations or explorations to discover new understandings.	Lifelong learners can synthesize new knowledge to redesign investigations in an ethical and safe manner, unique to real world situations.

Social Studies

Attributes:	Descriptions:
Engaged Citizenship	Evaluate issues, apply civic knowledge, and translate findings into individual or collective action in order to effectively participate in a community.
Historical Perspectives & Change	Engage in evidence-based historical thinking and utilize sources from multiple perspectives to contextualize, evaluate, and engage in contemporary social dialogue.
Global Connections	Analyze the interdependence among people, places, and institutions to describe methods for global cooperation.
Culture	Analyze specific aspects of cultures around the world and evaluate the influence of interactions through humility, empathy, and divergent thinking.

Attribute:	K-2	3-5	6-8	9-12	Lifelong Learning
Engaged Citizenship	Learners can explain and demonstrate traits of a good citizen and ways to help a community.	Learners can understand civic issues, roles of citizens, and apply that knowledge to help a community.	Learners can analyze current issues and apply civic knowledge into individual or collective action in a community.	Learners can evaluate issues, apply civic knowledge, and translate findings into individual or collective action in order to effectively participate in a community.	Lifelong learners can evaluate issues using inquiry, apply civic knowledge from differing communities, and translate findings into individual and collective action in order to effectively participate in a global community.
Historical Perspectives & Change	Learners can identify point of view and cause and effect relationships in the past and the present.	Learners can explain multiple historical perspectives to make connections to the present.	Learners can analyze sources from multiple perspectives to understand the historical context and determine significance to the present.	Learners can engage in evidence-based historical thinking and utilize sources from multiple perspectives to contextualize, evaluate, and engage in contemporary social dialogue.	Lifelong learners can use inquiry to initiate and engage in evidence-based historical thinking and utilize sources from multiple perspectives to contextualize, evaluate, and contribute to contemporary social dialogue.

Social Studies (continued)

Global Connections	Learners can identify connections to the world around them and understand the impact actions can have on a community.	Learners can make connections to the world to explain relationships and cooperation among people and places.	Learners can describe how people and places are connected interdependently and identify examples of global cooperation.	Learners can analyze the interdependence among people, places, and institutions to describe methods for global cooperation.	Lifelong learners can apply knowledge of interdependence in the world and propose actionable methods for global cooperation.
Culture	Learners can recognize elements of culture and develop genuine relationships with people from differing cultures.	Learners can describe elements of various cultures to identify connections and learn from others through an empathetic lens.	Learners can examine different cultures with an empathetic lens and evaluate the influence that these groups have from multiple perspectives.	Learners can analyze specific aspects of cultures around the world and evaluate the influence of interactions through humility, empathy, and divergent thinking.	Lifelong learners can study, reflect on, and apply the understanding of global cultures to effectively collaborate in a diverse community.

ND Portrait of a Graduate

Attributes:	Descriptions:
Adaptability	<p>Respond positively and productively to feedback, praise, setbacks, and criticism.</p> <p>Understand, navigate, and balance diverse views and beliefs to reach workable solutions.</p> <p>Analyze situations and create a plan using self-awareness and self-management.</p>
Collaboration	<p>Share responsibility by applying individual strengths to build collective commitment and action.</p> <p>Intentionally contribute to the group effectiveness in pursuit of a shared vision.</p> <p>Cultivate a culture of community that elicits diverse perspectives and contributions.</p>
Communication	<p>Apply active listening skills, interpret meaning from others' communications, and generate a response.</p> <p>Organize and express ideas in a form appropriate for the audience and purpose.</p>
Learner's Mindset	<p>Independently seek varied learning experiences that align with their needs, passions, values, and life goals.</p> <p>Take ownership of the learning process by applying feedback, experiences, and self-reflection to synthesize knowledge that guides ideas, actions, and goals.</p>
Critical Thinking	<p>Apply self-disciplined thinking that is clear, rational, and open-minded.</p> <p>Consistently improve the quality of one's own thinking by acknowledging bias and assumptions, being socially aware, and understanding global perspectives.</p> <p>Gather and assess relevant information, raise credible questions, and come to well-reasoned conclusions and solutions.</p>
Empathy	<p>Seek, understand, and productively respond to diverse points of view, feelings, and experiences of others.</p> <p>Analyze the effect of personal behavior in order to treat others with respect, compassion, and inclusivity.</p>
Perseverance	<p>Exhibit positive attitudes, persistence, curiosity, and self-reflection while pursuing knowledge and growth.</p> <p>Use failure as a learning opportunity, navigate adversity, and adapt to keep moving forward using strengths and available supports.</p>

ND Portrait of a Graduate (continued)

Attribute:	K-2	3-5	6-8	9-12	Lifelong Learning
Adaptability	<p>Learners can react to and bounce back from feedback, praise and setbacks.</p> <p>Learners can identify and acknowledge the feelings of self and others.</p> <p>Learners can apply given self-monitoring strategies to regulate emotions in different environments.</p>	<p>Learners can respond positively to feedback, praise and setbacks.</p> <p>Learners can recognize and acknowledge the feelings and perspective of self and others to accomplish a task.</p> <p>Learners can apply self-monitoring strategies to regulate emotions in a variety of situations.</p>	<p>Learners can respond positively to feedback, praise, setbacks and criticism.</p> <p>Learners can understand diverse views and beliefs and use them to reach a solution.</p> <p>Learners can objectively interpret a variety of situations and respond using self-awareness and self-management strategies.</p>	<p>Learners can respond positively and productively to feedback, praise, setbacks, and criticism.</p> <p>Learners can understand, navigate, and balance diverse views and beliefs to reach workable solutions.</p> <p>Learners can analyze situations and create a plan using self-awareness and self-management.</p>	<p>Lifelong learners can respond in a timely and effective manner to feedback, praise, setbacks, and criticism.</p> <p>Lifelong learners can understand, navigate, and balance diverse views and beliefs to reach an equitable solution.</p> <p>Lifelong learners can analyze situations and create and implement a plan using self-awareness, self-management, and compromise.</p>
Collaboration	<p>Learners can fulfill an identified role.</p> <p>Learners can participate in a group appropriately to achieve a common goal.</p> <p>Learners can build a sense of community by recognizing other's perspectives.</p>	<p>Learners can identify and fulfill the roles needed by the group.</p> <p>Learners can contribute in a group to achieve a shared goal.</p> <p>Learners can encourage a culture of community that respects others perspectives and contributions.</p>	<p>Learners can share responsibility by fulfilling roles/needs based on individual strengths to meet a common goal.</p> <p>Learners can actively contribute in a group to achieve a shared vision.</p> <p>Learners can cultivate a culture of community that acknowledges diverse perspectives and contributions.</p>	<p>Learners can share responsibility by applying individual strengths to build collective commitment and action.</p> <p>Learners can intentionally contribute to the group effectiveness in pursuit of a shared vision.</p> <p>Learners can cultivate a culture of community that elicits diverse perspectives and contributions.</p>	<p>Lifelong learners can intentionally evoke shared responsibility by using individual strengths and contributing to group productivity for collective action.</p> <p>Lifelong learners can cultivate an effective group culture that elicits diverse perspectives and contributions.</p>

ND Portrait of a Graduate (continued)

Communication	<p>Learners can practice active listening skills and responding in an appropriate manner.</p> <p>Learners can use words, pictures, and gestures to share ideas for different purposes.</p>	<p>Learners can use active listening skills and respond in an appropriate manner to verbal and/or nonverbal communications.</p> <p>Learners can express ideas appropriate for the audience and purpose.</p>	<p>Learners can apply active listening skills, interpret meaning from others' communications, and generate a response.</p> <p>Learners can organize and express ideas in a form appropriate for the audience and purpose.</p>	<p>Learners can apply active listening skills, effectively interpret meaning from others' communications, and adapt a relevant response.</p> <p>Learners can initiate communication and articulate ideas through a variety of forms appropriate for different audiences and purposes.</p>	<p>Lifelong learners can apply active listening skills, evaluate the meaning of others' communications, and adapt responses to effectively communicate.</p> <p>Lifelong learners can initiate and generate effective and professional communication through a variety of forms adapting it for different audiences and purposes.</p>
Learners Mindset	<p>Learners can approach learning experiences with a growth mindset while also exploring personal interests and preferences.</p> <p>Learners can work towards a selected goal and understand the purpose of personal improvement.</p>	<p>Learners can participate in learning experiences using a growth mindset while developing knowledge, skills, interests, and values across settings.</p> <p>Learners can set and monitor goals using feedback and reflection to make adjustments.</p>	<p>Learners can engage in varied learning experiences to refine knowledge, skills, interests, passions, and values across settings.</p> <p>Learners can set and monitor goals using feedback and reflection to make adjustments and guide decisions.</p>	<p>Learners can independently seek varied learning experiences that align with their needs, passions, values, and life goals.</p> <p>Learners can take ownership of the learning process by applying feedback, experiences, and self-reflection to synthesize knowledge that guides ideas, actions, and goals.</p>	<p>Lifelong learners can commit to ongoing learning experiences that align with their needs, passions, values, and life goals.</p> <p>Lifelong learners can recognize the value of the learning process as it enhances a sense of purpose.</p>

ND Portrait of a Graduate (continued)

Critical Thinking	<p>Learners can develop thinking that is clear and builds on other ideas.</p> <p>Learners can explain one's own thinking and identify other perspectives.</p> <p>Learners can use information to create questions and come to a conclusion.</p>	<p>Learners can develop thinking that is clear, logical, and open-minded.</p> <p>Learners can explain and adjust one's own thinking by questioning bias and understanding different perspectives.</p> <p>Learners can assess information, create questions, and come to reasoned conclusions.</p>	<p>Learners can apply thinking that is clear, logical, and open-minded.</p> <p>Learners can improve the quality of one's own thinking by recognizing bias and assumptions, being socially aware, and understanding different perspectives.</p> <p>Learners can gather and assess information, formulate questions, and come to reasoned conclusions and solutions.</p>	<p>Learners can apply self-disciplined thinking that is clear, rational, and open-minded.</p> <p>Learners can consistently improve the quality of one's own thinking by acknowledging bias and assumptions, being socially aware, and understanding global perspectives.</p> <p>Learners can gather and assess relevant information, raise credible questions, and come to well-reasoned conclusions and solutions.</p>	<p>Lifelong learners can apply self-disciplined thinking that is clear, rational, and open-minded across diverse situations.</p> <p>Lifelong learners can consistently refine the quality of one's own thinking by questioning bias and assumptions, being socially aware, and understanding global perspectives.</p> <p>Lifelong learners can gather and analyze relevant information, raise vital questions, and create viable solutions to complex issues for unique and evolving situations.</p>
Empathy	<p>Learners can identify how feelings, thoughts, and actions of self and others connect.</p> <p>Learners can recognize how their actions affect others, show respect, and demonstrate compassion.</p>	<p>Learners can examine how feelings, thoughts, and actions of self and others connect while acknowledging individual differences.</p> <p>Learners can understand how their behavior affects others and demonstrate verbal and nonverbal responses to show respect and compassion.</p>	<p>Learners can understand and respond to diverse points of view, feelings, and experiences of others.</p> <p>Learners can understand how their behavior affects others and use that knowledge to treat others with respect, compassion, and inclusivity.</p>	<p>Learners can seek, understand, and productively respond to diverse points of view, feelings, and experiences of others.</p> <p>Learners can analyze the effect of personal behavior in order to treat others with respect, compassion, and inclusivity.</p>	<p>Lifelong learners can seek and understand diverse points of view responding with sensitivity and concern for others.</p> <p>Lifelong learners can analyze the effect of personal behavior towards others, and use those insights to create a culture of respect, compassion, and inclusivity.</p>
Perseverance	<p>Learners can show positive attitudes while pursuing growth.</p> <p>Learners can build stamina for learning and continue to try when faced with challenges.</p>	<p>Learners can display positive attitudes and effort while pursuing growth.</p> <p>Learners can demonstrate resiliency by building stamina for learning, continuing to try when faced with challenges, and asking for help when needed.</p>	<p>Learners can demonstrate positive attitudes, persistence, and curiosity while pursuing knowledge and growth.</p> <p>Learners can accept failure as a learning opportunity and process through adversity by using available supports to keep moving forward.</p>	<p>Learners can exhibit positive attitudes, persistence, curiosity, and self-reflection while pursuing knowledge and growth.</p> <p>Learners can use failure as a learning opportunity, navigate adversity, and adapt to keep moving forward using strengths and available supports.</p>	<p>Lifelong learners can apply confidence, persistence, and self-reflection while pursuing knowledge, skills, and growth.</p> <p>Lifelong learners can embrace failure as part of success, navigate adversity, and use self-efficacy to keep moving forward recognizing available supports.</p>