ASD Discover Monthly – Volume 2 Issue 1 - Communication

Possible outcome connections

[**K-2: You & Your World**](https://www2.gnb.ca/content/dam/gnb/Departments/ed/pdf/K12/curric/Health-PhysicalEducation/YouandYourWorldK-2.pdf)

**Knowledge**

K 3.1 – Identify the five senses and describe methods to care for them.

K 3.2 – Use one or more of their senses to explore the characteristics of materials, noting how materials can be manipulated.

K 3.3 Develop vocabulary about sensory experiences that permits meaningful communication of ideas.

1 3.4 Understand and practice safety skills

2 2.2 Demonstrate an understanding that technology has changed over time to meet their needs, wants and interests

**STSE**

100 – Investigate objects and events in their immediate environment, and use appropriate language to develop understanding and to communicate results

102- Describe how science and technology affect their lives and those of people and other living **things in their community**

**Skills**

200 – Ask questions about objects and events in the immediate environment and develop ideas about how those questions might be answered

201 – Observe and Explore materials and events in the immediate environment and record the results

203 – Work with others and share and communicate ideas about their explorations

**3-5 Science (2019)**

[**Science 3 – Our Local Environment**](http://stemnorth.nbed.nb.ca/sites/stemnorth.nbed.nb.ca/files/doc/y2020/Apr/science_3_implementation_draft_final.pdf)

[**Science 4 – Properties and Uses of Earth Materials**](http://stemnorth.nbed.nb.ca/sites/stemnorth.nbed.nb.ca/files/doc/y2020/Apr/science_4_implementation_draft_final_.pdf)

[**Science 5 – Living and Technological Systems**](http://stemnorth.nbed.nb.ca/sites/stemnorth.nbed.nb.ca/files/doc/y2020/Apr/science_5_implementation_draft_final_.pdf)

**STSE**

SCO 2.1 – Students will consider factors that support responsible application of scientific and technological knowledge, and demonstrate an understanding of sustainable practice

**Scientific Literacy**

GCO 1 Students will develop the skills required for scientific and technological inquiries, ,for solving problems, for communicating scientific ideas and results, for working collaboratively, and for making informed decisions

SCO 1.2 Students will collect data by observing and measuring, using tools and methods appropriate for the task

SCO 1.4 Students will communicate using writing, drawing pictures, and oral language to express valid conclusions supported by data

[**Middle School Prioritized Learning Outcomes 2020-2021**](https://nbed.sharepoint.com/sites/InDevelopment/SiteAssets/Forms/AllItems.aspx?id=%2Fsites%2FInDevelopment%2FSiteAssets%2FSitePages%2FMiddle%2DLevel%2D%2D6%2D8%2D%2FMiddle%20School%20Grade%207%20Revisions%2FMiddleSchoolCurriculum%5Ffull%2006%2D30%2D20%2Epdf&parent=%2Fsites%2FInDevelopment%2FSiteAssets%2FSitePages%2FMiddle%2DLevel%2D%2D6%2D8%2D%2FMiddle%20School%20Grade%207%20Revisions)

Initiate & Plan:

* Ask questions about phenomenon that lead to a fair test or brainstorm a practical technological problem

Perform & Record:

* Conduct appropriate investigation to test hypothesis or solution to a problem

Analyze and Explain:

* Obtain information from sources and/or other reliable media to support results
* Use data (evidence) to confirm to refute the hypothesis or initial problem

Communicate & Collaborate:

* Use appropriate science vocabulary, numeric and symbol systems to share understandings
* Discuss ideas and contributions of others
* Present ideas in a clear and logical order

Sustainable practices:

* Use science knowledge when considering issues of concern to them
* Reflect on various aspects of an issue and make decisions about possible actions