**North East School Division**



**Unpacking Outcomes**

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| **Harvesting the Outcome** | | | **BIG IDEAS** | |
| **SP3.1 Demonstrate understanding of first-hand data using tally marks, charts, lists, bar graphs and line plots (abstract pictographs) through**   * **collecting, organizing, and representing** * **solving situational questions** | | |  | |
| **Outcome** (circle the verb and underline the nouns or noun phrases) | | | | |
| **Demonstrate** → understanding of first- hand data using tally marks, charts, lists, bar graphs, and line plots.  **Collecting** → data  **Organizing** → data  **Representing** → data  **Solving**  → situational questions | | | | |
| **KNOW BEFORE UNIT** | **KNOW AFTER UNIT** | **UNDERSTAND** | | **BE ABLE TO DO** |
| - skip counting | - how to make bar graphs  - how to make line plots  - how to collect data  - how to represent data  - how to interpret data | - we record and organize data in our daily lives  - graphs and line plots make it easier to analyze data  - data can be represented in many ways  - different cultures collect, represent and use data in different ways | | - analyze line plots to determine common attributes  - analyze bar graphs to determine common attributes  - create line plots from pictographs  - create and solve situational questions by collecting, organizing, representing and interpreting data  - verify whether data has been interpreted in the right ways |
| Vocabulary:  - tally marks  - charts  - data  - bar graphs | - line plots  - pictographs |
| **Essential Questions** | | | | |
| **When would we use and record data in our lives?**  **What are some ways data can be represented?**  **What are some ways different cultures, collect, represent and use data?**  **Why would we want to represent data on a graph?** | | | | |