**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**
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| **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?** |