**North East School Division**

**Unpacking Outcomes**

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| **Harvesting the Outcome** | **BIG IDEAS** |
| **N 3.4 Demonstrate an understanding fractions concretely, pictorially, physically, and orally including:*** **Representing**
* **Observing and describing situations**
* **Comparing**
* **Relating to quantity**
 | **How do fractions help us?****What does it mean to be part of a whole?** |
| **Outcome** (circle the verb and underline the nouns or noun phrases) |
| **Demonstrate** → understanding of fractions concretely, pictorially, physically, and orally**Representing** → fractions**Observing and describing** → situations**Comparing** → fractions**Relating** → to quantity |
| **KNOW BEFORE UNIT** | **KNOW AFTER UNIT** | **UNDERSTAND** | **BE ABLE TO DO** |
| - what a whole number is- how to order whole numbers- ordinal numbers and their meanings | - what a fraction is- fractions usually must have equal parts- the role of the numerator and denominator |  - when fractions are used- why we use fractions- different cultures represent fractions in different ways- the value of a given number- the relationship a fraction has to 0 and 1- what the numerator and denominator represent- the same fraction can be represented in many ways- the more parts something is divided into the smaller the pieces- the same fraction can represent a different amount if a different whole number is used | - order fractions with common numerators- order fractions with common denominators- represent fractions concretely, pictorially, physically, orally and symbolically- divide a whole into equal parts and name the parts- compare and contrast groups of fractions with the same numerator or denominator- describe fractions- use fractions in real life situations |
|  Vocabulary:- numerator- denominator- order-fractions- set- equal parts- quantity- tenths | - halves- thirds- quarters- fifths- sixths- sevenths- eighths- ninths |
| **Essential Questions** |
| **How can fractions be represented?****When do we use fractions in real life?****Why do we use fractions?****How can the same fraction mean different things?****Can fractions have unequal parts?****How are fractions related to whole numbers?** |