**North East School Division**

**Unpacking Outcomes**

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| **Harvesting the Outcome** | **BIG IDEAS** |
| **P 3.2 Demonstrate understanding of equality by solving one-step addition and subtraction equations involving symbols representing and unknown quantity.** | **Where do we see symbols in math?****How can I figure this out?** |
| **Outcome** (circle the verb and underline the nouns or noun phrases) |
| **Demonstrate** → understanding of equality**Solving** → one-step addition and subtraction equations involving an unknown quantity |
| **KNOW BEFORE UNIT** | **KNOW AFTER UNIT** | **UNDERSTAND** | **BE ABLE TO DO** |
| - addition- subtraction- the relationship between addition and subtraction- find patterns in numbers | - what an equation is- how to solve equations- key words for solving problems | - math uses many symbols- the purpose of a symbol in an equation- equations can be solved in many ways- an unknown in an equation only has one value- what equality is- different cultures have different uses and meanings of the word equal | - use symbols to write equations- distinguish if two things are equal- describe relevant situations in which a symbol could represent an unknown quantity- compare equations- solve addition and subtraction equations concretely, pictorially and physically- verify the solutions to an equation and explain your reasoning- explain personal strategies for solving equations- create and solve situational equations |
|  Vocabulary:- pattern- equation- equal- symbol | - unknown quantity- guess and check- verify |
| **Essential Questions** |
| **Where do we see symbols in math?****What is the purpose of a symbol in an equation?****How can equations be solved?****What does equal mean?** |