**North East School Division**

**Unpacking Outcomes**

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| **Harvesting the Outcome** | **BIG IDEAS** |
| **SS3.4 Demonstrate understanding of 3-D objects by analyzing characteristics including faces, edges, and vertices.** | 3-D **3-D** 3-D**Objects all around us.** |
| **Outcome** (circle the verb and underline the nouns or noun phrases) |
| **Demonstrate** → understanding of 3-D objects**Analyzing** → faces, edges, and vertices. |
| **KNOW BEFORE UNIT** | **KNOW AFTER UNIT** | **UNDERSTAND** | **BE ABLE TO DO** |
| - basic shapes- circle, square, rectangle, triangle | - names and characteristics of 3-D shapes- what a 2-D shape is- what a 3-D shape is | - 3-D objects are all around us- the faces of a 3-D object are always a 2-D shape- the relationship between a 3-D object and its skeleton- a vertex is where 3 faces meet - solids can be sorted by their attributes | - analyze characteristics of 3-D objects including faces, edges and vertices- observe and describe 2-D shapes found in 3-D objects- construct skeletons of 3-D objects- sort 3-D objects according to the faces, edges, and vertices and explain the sorting rule |
|  Vocabulary:- faces- edges- vertices- pyramids- cube- sphere | - prisms- cones- cylinders- 3-D- skeleton- geometric solid |
| **Essential Questions** |
| **Where do we see 3-D objects in real life?****How are 2-D and 3-D objects related?****How can we sort 3-D objects?** |