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| **NC.K.MD.1****Describing Measurable Attributes** |
| **Domain**  | Measurement and Data |
| **Cluster** | Describe and compare measurable attributes. |
| **Standard(s)** | **NC.K.MD.1** Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object. |
| **Materials** | a paperclip and clear view of a bookshelf |
| **Task** | 1. Show student a paperclip and a bookshelf. Allow student to touch and carefully examine each object.
2. Direct student’s attention to the paperclip’s. Ask:
* How would you describe the paperclip’s length?
* How would you describe the paperclip’s weight?
1. Direct student’s attention to the bookshelf. Ask:
* How would you describe the bookshelf’s length?
* How would you describe the bookshelf’s weight?
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| **Continuum of Understanding** |
| **Not Yet Proficient** | * Does not respond to prompts
* Only describes non-measurable attributes of the objects (e.g., color, texture)
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| **Progressing** | * Describes only one measurable attribute of each object (length or height).
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| **Meets Expectation**  | * Describes length and height of both objects.
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| **Standards for Mathematical Practice** |
| 1. Makes sense and perseveres in solving problems. |
| 2. Reasons abstractly and quantitatively. |
| **3. Constructs viable arguments and critiques the reasoning of others.** |
| 4. Models with mathematics. |
| 5. Uses appropriate tools strategically. |
| 6. Attends to precision. |
| **7. Looks for and makes use of structure.** |
| 8. Looks for and expresses regularity in repeated reasoning. |