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| **Creating Graphical Displays** | | | |
| Creates graph but does not relate sample responses to labels | Creates graph with labels but omits title or scale | Successfully creates graphs (always of same type) | Creates graphs flexibly; shows same data on different graph types |
| **Observations/Documentation** | | | |
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| **Reading and Interpreting Data Displays** | | |
| Notices the basic shape of graph  “This bar is the longest. This bar is the shortest.” | Counts symbols or squares to read data  “1, 2, 3, …, 10, 11, 12 squares are shaded. Henrietta laid 12 eggs.” | Uses scale to read data    “The bar has height 12. Henrietta laid  12 eggs.” |
| **Observations/Documentation** | | |
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| **Reading and Interpreting Data Displays (con’t)** | | |
| Makes direct comparisons between data    “1 squirrel was seen 3 more times than  0 squirrels.” | Uses data to answer some questions    “5 + 8 + 4 + 3 = 20; 20 students were surveyed.” | Draws conclusions from data    “Most students saw 1 squirrel in one hour in the winter.” |
| **Observations/Documentation** | | |
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