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| **Formulating Questions** | | | |
| Makes statements that don’t generate answers  “I really like fish.” | Formulates questions to learn about people (no response options)  “What type of animal do you  like best?” | Formulates questions to learn about people (incomplete response options)  “What type of animal do you  like best: fish, birds, mammals?” | Formulates clear questions with complete response options to collect relevant data  “What type of animal do you  like best: fish, birds,  mammals, other?” |
| **Observations/Documentation** | | | |
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| **Collecting and Organizing Data** | | | |
| No organization of data  fish, mammals,  mammals, other,  birds, mammals,  fish, mammals,  mammals, fish | Uses class list; no interpretation  ✓ Juin Fish  Tommy  ✓ Tai Fish  ✓ Ioana Mammals  ✓ Mark Mammals  ✓ Alex Mammals  ✓ Kim Other  Jon  ✓ Sadia Fish  ✓ Lise Mammals  ✓ Dimitri Birds  Vicky  ✓ Ali Mammals  “I’m not sure which answer was chosen most often.” | Uses tally chart, table, list, or line plot    “I made a tally chart so I can easily see how many chose each answer.” | Uses collected data to answer question    “Most students like mammals best.” |
| **Observations/Documentation** | | | |
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