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| **Formulating Questions** |
| Makes statements that don’t generate answers“I like to go swimming when it is hot outside.” | Formulates questions to learn about people (no response options)“What do you do most often when it is very hot outside?” | Formulates questions to learn about people (incomplete response options)“What do you do most often when it is very hot outside: swim, find shade, turn up AC, drink water?” | Formulates clear questions with complete response options to collect relevant data“What do you do most often when it is very hot outside: swim, find shade, turn up AC, drink water, other?” |
| **Observations/Documentation** |
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| **Interpreting Data and Making Informed Decisions** |
| No organization of datashade, water, AC, swim, water, water, shade, swim, water, water | Uses class list; no interpretation✓ Juin Find shadeTommy✓ Tai Swim✓ Ioana Find Shade✓ Mark Drink water✓ Alex Swim✓ Kim Drink waterJon✓ Sadia Turn up AC✓ Lise Drink water✓ Dimitri Drink waterVicky✓ Ali Drink water“I’m not sure which answer was chosen most often.” | Uses tally chart, table, or list“I made a tally chart so I can easily see how many chose each answer.” | Uses collected data to answer question“Most students drink water.” |
| **Observations/Documentation** |
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