Activity 3 Assessment
Collecting Data

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			

Activity 3 Assessment
Collecting Data

Collecting and Interpreting Data			
Uses knowledge of first-hand and second-hand data to decide on method of collection "To find the number of glasses of water my classmates drink a day, I will ask a survey question. To find the population of different cities in Alberta, I will use the Internet."	Predicts answers to inform research or how question is asked "I know I drink about 4 glasses of water a day. So, I will add numbers that are a little less than and a little more than 4 as possible responses. How many glasses of water do you drink a day? 3, 4, 5, more than 5"	Uses various resources and tools to collect data "How many glasses of water do you drink a day? 3, 4, 5, more than 5" 3 glasses: 3 students 4 glasses: 6 students 5 glasses: 4 students More than 5 glasses: 2 students Population of some cities in Alberta: Grand Prairie: about 68 000 Medicine Hat: about 65 000 Lethbridge: about 100 000	Uses collected data to answer questions and draw conclusions "Most students in my class drink about 4 glasses of water a day. Of the 3 cities, Lethbridge has the greatest population and Medicine Hat has the least."
Observations/Documentation			

Mathology 3
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