ENGINEERING INGENUITY

LEARNING LOG 5

NAME_____ **DATE**_____

On the back of this page, sketch a *loko kuapā* (shoreline fishpond with an outer seawall built with rock and coral). Diagram how the flow of water through the *mākāhā* at both rising and falling tides affects water quality and pond life. Use the student reading as a reference.

What observations did you make when you raised and lowered the tide on your model?

What inferences did you make about the fishpond based on your observations?

What is the difference between an observation and an inference?

What is the function of the *ʻauwai o ka mākāhā* ?

Why was the *mākāhā* important in a *loko kuapā*?

Write one paragraph with a clear topic sentence that describes the technology of Hawaiian fishponds and display it next to your model.