



Lesson 2 - Student Activity #2 Guide

Inspecting the Water Pumping Model

Look under the Hood

Now we are going to get to know the code that makes up the base model!

- 1) Open your saved StarLogo Nova Water Pumping base model.
- 2) Navigate to the code section.
- 3) Use the **Model Observation Form** as you and your programming partner take turns looking at the code. (Remember to use your **driver** and **navigator** roles and switch roles from time to time.) Complete the form by running the model and looking at the code.
- 4) Which part of the code have you and your partner been assigned?
- 5) Write down what the code in your assigned section does.
- 6) Diagram the program's execution loop.

Here is a tip:

- You can refer to your StarLogo Nova Command Blocks and CS Concepts reference sheets from Module 1.