

Wolbachia Project Ordering Guide

The following resources are available at <https://wolbachiaproject.org/getting-started/>

QUICKLIST

Reference the QuickList for a condensed view of supplies needed for each lab.

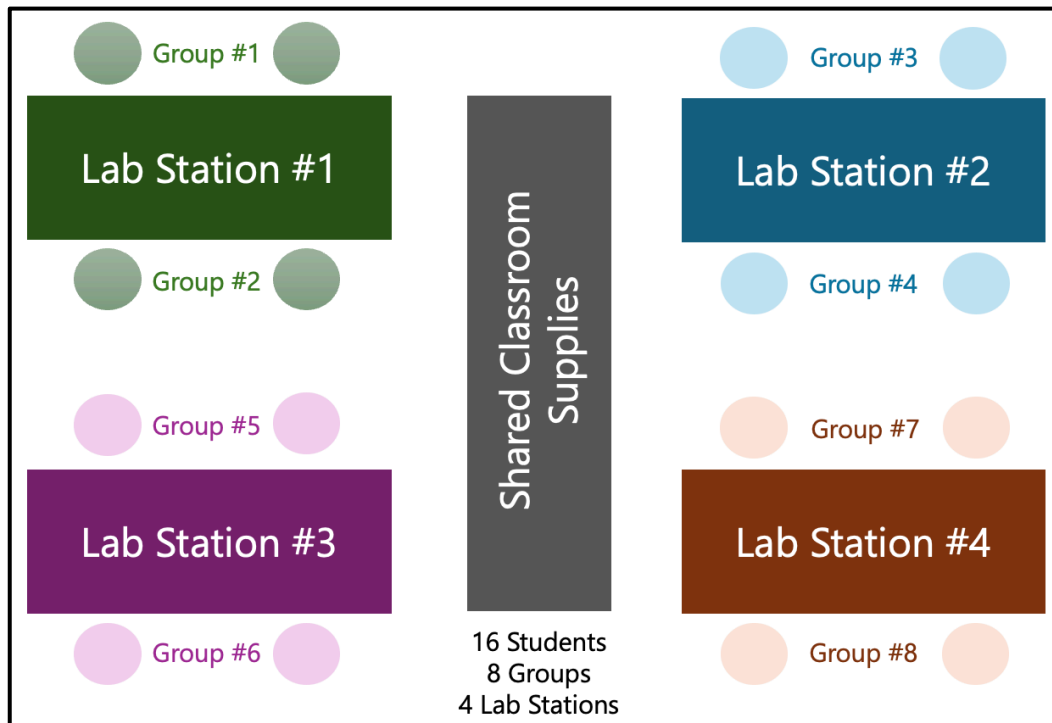
SUPPLY CALCULATOR

Use the spreadsheet to calculate materials needed.

1. Select the appropriate tab/sheet for Standard or Duplex PCR reaction
 - a. Standard PCR will have two separate PCR reactions (arthropod and *Wolbachia*) and two separate agarose gels
 - b. Duplex PCR will have one PCR reaction (using both sets of PCR primers) and one agarose gel
2. Determine # student groups and enter value in gold box
3. Determine # of lab stations and enter value in teal box

The spreadsheet is organized by Classroom, Lab Stations, and Groups. Below is an example laboratory setup for 16 students.

- Each **group** will have their own set of reagents.
- Each **lab station** can share smaller equipment (vortex/centrifuge) and pipette tips.
- Everyone in the **classroom** can share larger equipment, gloves, etc.



Please report additional vendor/item recommendations, calculation errors, and general feedback to info@wolbachiaproject.org.

VENDORS

A list of vendors and catalog numbers is provided for your convenience. You may use other vendors and/or existing classroom equipment.

VWR / Ward's Science

Special pricing is available to *Wolbachia* Project participants via a customized quote. When placing the order, be sure to reference the quote number and provide your school's shipping address. If the quote number is expired or does not work, please contact info@wolbachiaproject.org.

MiniOne / miniPCR

Contact directly to create equipment bundles containing PCR systems, gel electrophoresis systems, and pipettes.

QIAGEN

We recommend establishing an account with QIAGEN to directly purchase the DNA extraction kits. As an industry supporter of The *Wolbachia* Project, QIAGEN has provided a limited number of kits to be distributed to high school participants. Applications may be submitted online: <https://wolbachiaproject.org/mdrp-proposal-submission/>

NEB

The NEB items listed on the Supply Calculator may be available to high school and collegiate teaching labs through NEB's Course Support & Reagent Donation Program. Visit NEB for more information: <https://www.neb.com/en-us/promoting-science-education/course-support-and-reagent-donation>