**Homework Assignments**

Please complete the following reading/viewing assignments in the evening of the day indicated. These assignments will prepare you for the lecture material and lab protocols presented the following day.

- Reading Assignments are in your binder or in the [Phage Discovery Guide](#).
- Video Protocol is online at [seaphages.org](http://seaphages.org).

<table>
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<th>Day</th>
<th>Assignment Details</th>
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| **Saturday** | Watch the following videos at [https://seaphages.org/videos/](http://seaphages.org/videos/)
  • Plaque Assay Protocol (~2 minutes)
  • Serial Dilution Protocol (~1 minute)
  • Spot Test Protocol (~2 minutes) |
| **Sunday**  | Watch the following videos at [https://seaphages.org/videos/](http://seaphages.org/videos/)
  • Picking a Plaque (~1 minute) |
|            | Phage Discovery Guide Locate Recipe Cards |
| **Monday** | Watch the following videos at [https://seaphages.org/videos/](http://seaphages.org/videos/)
  • Collecting Plate Lysate Protocol (~2 minutes)
  • DNA Extraction Protocol (~6 minutes) |
| **Tuesday** | Develop your SEA-PHAGES implementation strategy, to include draft course schedule, syllabi, and class prep strategy |
| **Wednesday** | Submit your SEA-PHAGES implementation strategy, & questions related to implementation strategies to [SEA@hhmi.org](mailto:SEA@hhmi.org) by midnight.
  • include draft course schedule, syllabi, class prep strategy, questions |