# Building your Lab Plan: Daily reflections

## Communication and Collaboration Tools

**Day 1: Knowing your work style, how do you think you will be most productive in a team? How might you use a team charter in your work?**

**Day 1: Imagine you are managing a medium-sized project with collaborators in three different locations. Describe the different situations in which you would use in person meetings, email, Slack, and GitHub issues (or similar technologies) to communicate and why.**

**Day 3. Which CyVerse features would make collaboration easier for you?**

## Project Management Tools

**Day 1. Imagine you are managing a medium-sized project with collaborators in three different locations. Describe how you would use technologies like GitHub, Gitter, Slack, wikis, or Jira to manage your project.**

**Day 2. How could you combine R and GitHub to manage your project?**

**Day 3. Describe how you would use CyVerse to set up a collaborative project?**

## Data Management Tools

**Day 2: List two specific ways (i.e. related to an actual project you are working on) in which you could use command line skills to improve your productivity.**

**Day 2. Describe how you could use R to make your research more reproducible. Include specific examples from a project you are working on.**

**Day 4: How would you use the CyVerse Data Store to manage the data for a complex, distributed project?**

**Day 4: What is some element of a data management plan that you had not thought of before today? How would you make a plan for this element?**

**Day 4: Describe a situation in which you would use cloud computing or HPC to scale your research? How would you go about setting up the solution? What would you need to learn?**

# $YOUR\_NAME Open Science Lab Plan

## Communication and Collaboration Strategy

## Data Management Strategy

## Missing Pieces