**Competency 4:** Use direct observation methods to collect baseline data

1. Read Cooper, Heron, & Heward (2007) chapter 4, associated to Task List Content Area 6-1 to 6-13 on measurement of behavior
2. Create a basic table (see Table 4.1 in Cooper) incorporating fundamental measures (e.g., count, duration, temporal locus), procedures for measuring behavior (e.g., event recording, time sampling), and an example of behavior you may measure using the procedure. Show your supervisor the table, obtain feedback, and place table in this tab.
3. Directly observe target behavior for change, propose a method for measuring the behavior, develop data recording sheet, and obtain feedback from supervisor.
4. Directly observe the target behavior at baseline and use your data recording sheet.
5. Evaluate if changes need to be made to your data sheet.
6. Graph baseline and obtain feedback from supervisor.

Some relevant sources:

* Cooper, Heron, & Heward (2007), Chapter 4
* Gast, D.L. (2010). Single Subject Research Methodology in Behavioral Sciences. Routledge, New York.
* Dixon et.al in JABA (2009) on creating single-subject design graphs using Microsoft Excel, pages 277-293.

This topic is covered in PSY 552: Principles of ABA, PSY 553: Measurement and Experimental Evaluation of Behavior, PSY 555: Applications and Ethics in ABA, and PSY 557: Behavior Change Procedures and Systems Support