

Unit 3 – Collecting Data

12 – 15% Exam Weight

Day	Lesson and Objectives	Assignment
10/11	Activity: Show Me the Money!	Finish Activity
10/14	Notes 1 – Planning a Study <ul style="list-style-type: none"> ○ Observational Study Vocab ○ Sampling Methods 	None
10/15	Pumpkin Picking Activity	Finish Activity
10/16	Catch Up Day and/or Start Notes 2	
10/21	Notes 2 – Potential Problems with Sampling <ul style="list-style-type: none"> ○ Sources of Bias ○ Sampling vs Non-sampling Error 	HW 1 – Sampling
10/22	Unit 3 Quiz	None
10/23	Notes 3 – Selecting Random Samples and Introduction to Experiments <ul style="list-style-type: none"> ○ Table of Random Digits ○ Observational study vs Experiment 	HW 2 – Selecting Random Samples
10/24	Notes 4 – Experimental Design <ul style="list-style-type: none"> ○ Principles of Experimental Design ○ Experimental Terms ○ Lurking vs Confounding Variables ○ Experimental Design ○ Scope of Inference 	None
10/25	Finish Notes 4	HW 3 – Experimental Design
10/28	Activity: Design an Experiment	HW 4 – Scope of Inference
10/29	Start Unit 3 Project: Designing an Experiment (Due Friday 11/8)	Work on project
10/30	Unit 3 Review <ul style="list-style-type: none"> • Unit 3 Summary • Work on Review Worksheet 1 	Review Worksheet 1
10/31	Unit 3 Review <ul style="list-style-type: none"> • Unit 3 Summary • Work on Review Worksheet 1 • Work on Review Worksheet 2 	Review Worksheet 1 and 2
11/1	Unit 3 Test	*All Unit 3 Assignments Due Today! *Project Due Friday 11/8