

Unit 3 – Collecting Data

12 – 15% Exam Weight

Day	Lesson and Objectives	Assignment
10/10	Activity: Show Me the Money!	Finish Activity
10/13	Notes 1 – Planning a Study ○ Observational Study Vocab ○ Sampling Methods	None
10/14	Pumpkin Picking Activity	Finish Activity
10/15	Catch Up Day and/or Start Notes 2	
10/16	NO SCHOOL – Fall Break	
10/17	NO SCHOOL – Fall Break	
10/20	Notes 2 – Potential Problems with Sampling ○ Sources of Bias ○ Sampling vs Non-sampling Error	HW 1 – Sampling
10/21	Unit 3 Quiz	None
10/21	Notes 3 – Selecting Random Samples and Introduction to Experiments ○ Table of Random Digits ○ Observational study vs Experiment	HW 2 – Selecting Random Samples
10/23	Notes 4 – Experimental Design ○ Principles of Experimental Design ○ Experimental Terms ○ Lurking vs Confounding Variables ○ Experimental Design ○ Scope of Inference	None
10/24	Finish Notes 4	HW 3 – Experimental Design
10/27	Activity: M&M Designing an Experiment	HW 4 – Scope of Inference
10/28	Start Unit 3 Project: Designing an Experiment (Due Friday 11/7)	Work on project
10/29	Unit 3 Review ● Unit 3 Summary ● Work on Review Worksheet 1	Review Worksheet 1
10/30	Unit 3 Review ● Unit 3 Summary ● Work on Review Worksheet 1 ● Work on Review Worksheet 2	Review Worksheet 1 and 2

10/31	Unit 3 Test	*All Unit 3 Assignments Due Today! *Project Due Friday 11/7
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