Time	Learning Objectives	Evaluation	Student Teacher	Student Student	Student Content
5:30	**Preview Quiz: Master how to choose test from six different continuous outcome tests**	Randomly ask students with a morning/evening BP example	Yes	**No**	**Yes**
5:38	**Master test statistic's general format**	At slide 7, ask students to summarize what they have seen from the one sample t-test statistic and let them guess why is it	Yes	No	Yes
5:46	**Master when should one use Chi-square Goodness of Fit Test and how to interpret the results**	At slide 12, ask student to interpret the results of p=0.3 and let them give another example for chi-square Goodness of Fit Test	Yes	No	Yes
5:54	**Master when should one use Chi-square Test of Independence and how to interpret the results**	At slides 19, ask student to interpret the results of p=0.6 and let them give another example for chi-square Test of Independence	Yes	No	Yes
6:02	**Master differences between test of homogeneity and test of independence**	At slides 23, ask student how to change the test of homogeneity example to test of independence example	Yes	No	Yes

6:10	**Master how to calculate the chi-square test statistics**	At slides 27, ask students to write down the chi-square test statistic formula for the bicycle example	Yes	No	Yes
6:18	**Master SAS code of the two kinds of test**	At slides 32, let students replicate the SAS example on the slides	Yes	No	Yes
6:23	**Apply Chi-square test into real public health research**	At slides 36, let student explain the results of the article	Yes	No	Yes
6:31	**Learn McNemar's test for paired data**	At slides 43, let student interpret the results	Yes	No	Yes
6:39	**Master Odds Ratio**	At slides 48, let student interpret the odds ratio	Yes	No	Yes
6:47	**Learn Mantel – Haenszel Test for stratified data**	At slides 50, let student interpret the results	Yes	No	Yes
6:55	**15 min break**				
7:10	**In-Class Exercise**	By in-class exercise, systematically evaluate whether students master all the objectives mentioned before	Yes	Yes	Yes
7:40	**Exercise answer key**	Asking students answers they conclude with their partner.			
8:10	**End of the Class**				