

Secondary School Employer Partnerships

THREE SESSION PLAN EXAMPLE

Company-X and Hamilton Girls High School (Maths SSEP)



Session 1	1hr in classroom
Time	Item
10 minutes	Settle in, Karen's introduction to Company-X
15 minutes	Rachel's introduction including Guess Who - challenging stereotypes in STEM with a game of "guess the scientist" from photos of peer groups
5 minutes	Introduce what we're going to be doing
5 minutes	Vote in real-time on phones to select the topic on which we're going to gather data
10 minutes	Break off into groups of 4 to brainstorm question ideas
10 minutes	Share and narrow down the questions
5 minutes	Explain the homework (data gathering) and see you in one week!
Between Sessions	Immediately add the homework questions to the Google Form - available in half an hour max
	Answer the questions with the data
	Prepare graph worksheets
Session 2	1hr in classroom
Time	Item
10 minutes	Settle in, recap
10 minutes	Look at predictions collected and graph on some pre-prepared worksheets.
15 minutes	The Tech Talk - how the data was collected, how it was analysed, a little bit of "here are some cool tools" sort of thing. Introduction to Google Sheets if the class hasn't used them before.
10 minutes	The Results. Add them to the pre-prepared graphs.
10 minutes	Group discussion about the results - conclusions
5 minutes	Ka kite ano - next week at Company-X
Between Sessions	Prep @ Company-X
Session 3	1.25 hours at Company-X - 5 minutes transition time between activities built in
Time	Item – 3 groups of 10 students rotate around 3 different activities for 25 minutes each
25 minutes each rotation	Group 1 - Welcome talk in boardroom, whiteboard activity around planning a day "A day in the life of....." + brainstorming a customer problem
	Group 2 – Virtual Reality experience
	Group 3 - Co-working facility tour