

Structure of the Day

<u>Time and Duration</u>	<u>Activity</u>	<u>Description</u>
10 – 10:05 (5 minutes)	Arrival	<ul style="list-style-type: none"> - Get seated - Notes will be on the table - Write name on a name tag and stick to shirt
10:05 – 10:15 (10 minutes)	Introduction and Welcome	<ul style="list-style-type: none"> - Introduce the day - Describe what is to be achieved during the day - Introduce myself (1 minute) - Introduce the volunteers (1 minute * 5= 5 minutes) -
10:25 – 10:40 (15 minutes)	What is Engineering Presentation	<ul style="list-style-type: none"> - Unpack what is engineering with video and description - Cover skills of engineers - Take Questions
10:40 – 10:52 (12 minutes)	What is Biomedical Engineering	<ul style="list-style-type: none"> - Unpack what biomedical engineering is - Unpack the different subdisciplines - Understand the different careers - Take Questions
10:52 – 11:00	Break	<ul style="list-style-type: none"> - Toilet/food
11:00- 11:15 (15 minutes)	Brainstorming of Problems in Biomedical Engineering	<ul style="list-style-type: none"> - Split into the number of groups as there are volunteers and go round to each girl to brainstorm all the biomedical problems they want to solve. In addition, discuss the biomedical problems the girls prepared. <p>Volunteers must engage with the girls and prompt them to think more deeply about the problems</p>
11:15 – 11:25 (10 minutes)	Discussion with Group	<ul style="list-style-type: none"> - Go round to each group and unpack

		what each of the group came up with
11:05 – 11:15 (5-10 minute break)	Break	<ul style="list-style-type: none"> - Snack break - Toilet Break
11:15 – 11:30 (15 minutes)	Design Process Understanding and Introduce Activity	<ul style="list-style-type: none"> - Go through Engineering Design Process - Take Questions - Introduce the rest of the activity.
11:30 – 11:45 (15 minutes)	Research and Imagine stage	<ul style="list-style-type: none"> - Go through the relevant research - Go through some ideas for imaging new solutions
11:45 – 12:15 (30 minutes)	Group Creation and Start Activity	<ul style="list-style-type: none"> - Hand out equipment - Ensure that the girls have connected the device correctly to the laptops provided. - Take questions on the activity.
12:15 – 13:00 (45 minutes)	Lunch Break	-
13:00 – 14:15 (75 minutes)	Activity	<ul style="list-style-type: none"> - Volunteers on standby to assist girls as they move through the activity.
14:15 -14:45 (30 minutes)	Activity Wrap up and questions	<ul style="list-style-type: none"> - Go through the last solution - Take Questions - Explain the routes into biomedical engineering