	Sound Choices Workshop Schedule August 26, 2018
7:30 - 8:00	Registration
8:00 - 8:10	Introduction
	PART I: PHYSICS OF SOUND
8:10 - 8:20	Introduction to Sound
8:20-8:30	*Dr Luc Jaouen : Amplitude, frequency and how people hear and facts explained using interactive web pages and videogames.*
8:30-8:45	Activities/Lessons: Having fun with the basics of sound: frequency and pitch
8:45- 9:25	Activities/Lessons: Seeing is believing - creating sound waves in water and goop
9:25-9:40	**Dr. Luc Jaouen : audible domain, the mass effect in acoustics and simple facts concerning sound absorbing materials**
9:40-10:15	Activities/Lessons: Invisible, invincible sound- Where sound can go and where it can't.
10:15-10:25	break
	PART II: TERRESTRIAL SOUND
10:25-10:40	Activity/Lesson: Use your supersonic hearing to detect prey
10:40- 11:10	*Heidi Ware presentation: Phantom Road: How traffic noise affects birds*
11:10-11:20	Activity/Lessons: How do mice, birds and noise alter a forest ecosystem?
11:20 - 11:40	Activity/Lesson (Middleschool) : Become a park ranger and investigate/understand the balance between human needs and environmental needs
	Activity/ Lesson (Elementary): Use national and local maps to think critically about the negative/positive impact of transportation
11:40-12:25	**Lunch**
12:25 PM - 1:15	*Dan Dugan: Our National Parks: A world in sound*
	PART III: MARINE SOUND
1:15-1:25	Introduction to the underwater world of sound
1:25 - 1:40	Activity/Lesson: Learn to speak whale and find your pod.
1:40 - 1:55	Activity/ Lesson: Is your shirt a noisy traveler? Discuss the impact of shipping routes.
1:55-2:05	Break
2:05-2:25	*Dr Olivier Robin : Acoustics and comics – a silent media put sound into words and pictures (Marine sounds, how noise affects people)*
	PART IV: HUMANS AND SOUND
2:25-2:55	*Les Blomberg background information and steps you can take to reduce noise*
2:55 - 3:25	Activity/Lesson: What does sound mean to you?
3:25-3:40	Activity/Lesson: Protecting your superpowers. Defending yourself against the dangers of noise.
3:40 - 4:00	Wrap up & Connect with local organizations