

Name _____

Date _____

Surviving Okinawa – Science Activity Sheet

Document F 

Sounds at Different Decibels and the Effect on Hearing Loss

In considering noise that is common to modern life, students will rank the following sounds from most safe to least safe for hearing:

Dishwasher	Whispering	Jackhammer, rock concert,
Personal listening device at maximum volume	Hair dryer or vacuum	or symphonic orchestra
Ambulance siren and thunderclap	Firecracker or shotgun	Breathing
School cafeteria or heavy city traffic	Subway platform	Refrigerator
	Jet taking off	Normal conversation

Decibels range from 0 - 165 (Fill in first two columns)

Best Guess of Sound Progression	Hypothetical Decibels	Actual Sound	Actual Decibels in Sound Progression
1		0	
2		30	
3		40	
4		60	
5		70	
6		75	
7		85	
8		95	
9		105	
10		110	
11		120	
12		140	
13		140-165	