## Sound and Science Coded Messages

Name			

Directions: Decipher the Code message listed below to uncover the sentences. Place the answers directly below the Code.

Α	В	С	D	Е	F	G	Н	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	0	Р	Q	R	S	T	U	٧	W	X	Υ	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

14	15	16	17	18	19	20	21	22	23	24	25	26
1.	Ears con 19 15 21					in	to nerve	impuls	es that	are sen	t to the	brain
2.	The mid 1 13 16	dle par	t of the		ar (beh	ind the 6	ear drun	n)			sound p	oressure
3.				means	to mak	e loudei	1 13	16 12 9	6 25			
4.	Sound w	aves ca	an trave	l throu	gh any				13	3 1 20 5	1891	12
5.	When tra							mov	es arou	ınd 4 tir	nes fast	ter than
6.	A23 1 22 :				_ is a g	raphic r	epresen	tation o	r pictur	e that d	lescribe	s sound
7.	frequenc							he <i>pitcl</i>	of the	sound	(440Hz	is the
8.	19 3 9 5	14 3 5	13	3 21 19	= 93	frequei	псу,				= p	ritch
9.	An audio whose fr	requenc	y is auc	lible to	the ave	erage hu						most
10.	Extreme 21 12 20		-		re calle	d					_	

11. Extreme low frequencies are called	ed
9 14 6 18 1 19 15 21 14 4	
12. Humans can only hear the frequen	ncies between the $20Hz - 20,000Hz$ . $Hz = 0.26$
_	z, at what rate would another fork need to vibrate so as 6 9 22 5 - 8 21 14 4 18 5 4
141 3 15 21 19 20 9 3 19	_ are the study of the way sound travels.
	wave is at some interval, are stored in the digital device. 19 1 13 16 12 5 4
16. The speed of through. 19 15 21 14 4	changes depending upon what material it travels
17. An is of a sound. 15 22 5 18 20 15 14 5	any frequency higher than the fundamental frequency 19
18. The with which we identify the sound	frequency has the strongest vibration, it is the pitch . 6 21 14 4 1 13 5 14 20 1 12
19. The rest of the overtones (frequent or contribute to its	icies also present when making sound) color the sound – 20 9 13 2 18 5
20. Radio uses different	, like AM, FM, High 4 19 13 9 19 19 9 15 14 19