



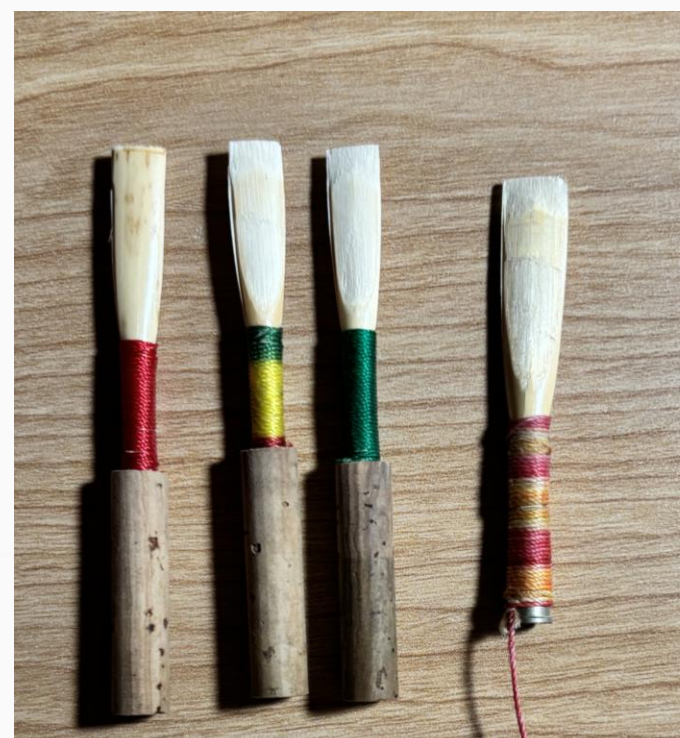
A BRIEF OVERVIEW OF...

THE OBOE



MUSIC?

Chat about what music
might be...



THE REED

Materials, craftsmanship,
and measurement
specificity



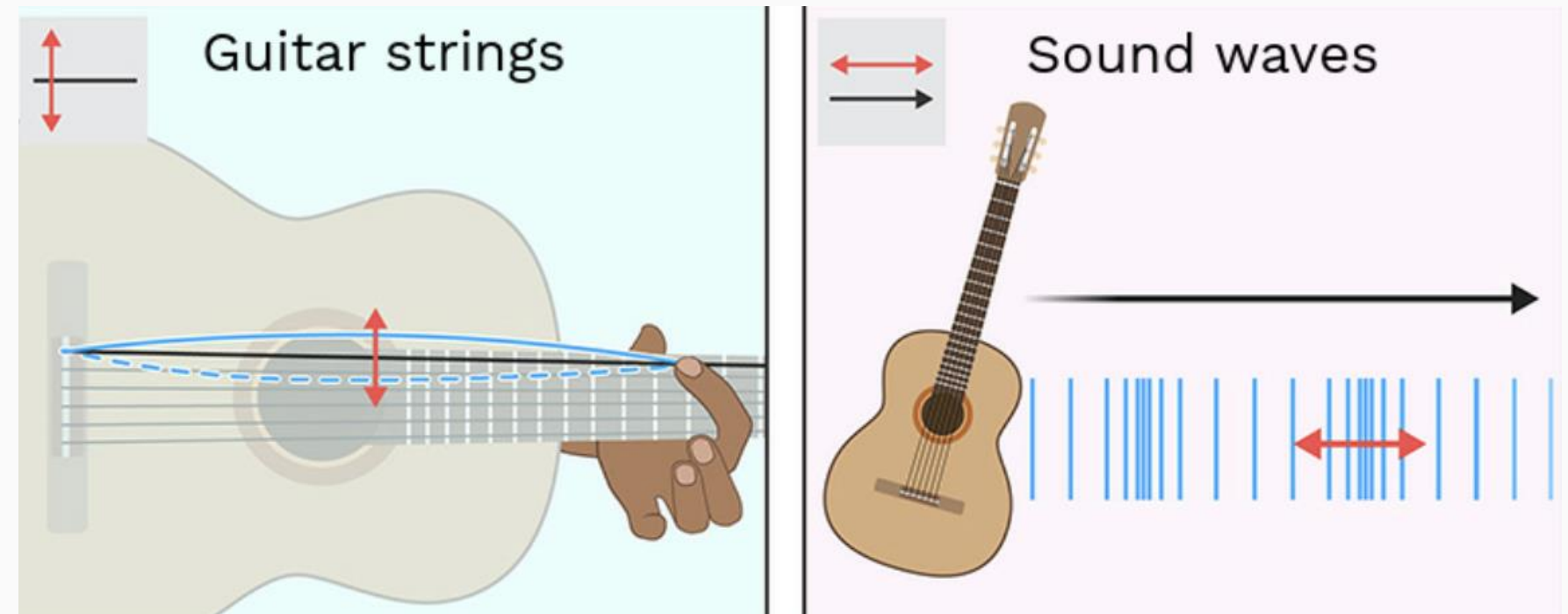
THE OBOE

Fun details and a little
listening :)



Physical / Scientific: Sound

- 20Hz-20,000Hz or 0-85 dB
- Infrasound and Ultrasound
- Transverse versus longitudinal





Cultural, Historical, Economic: Sound

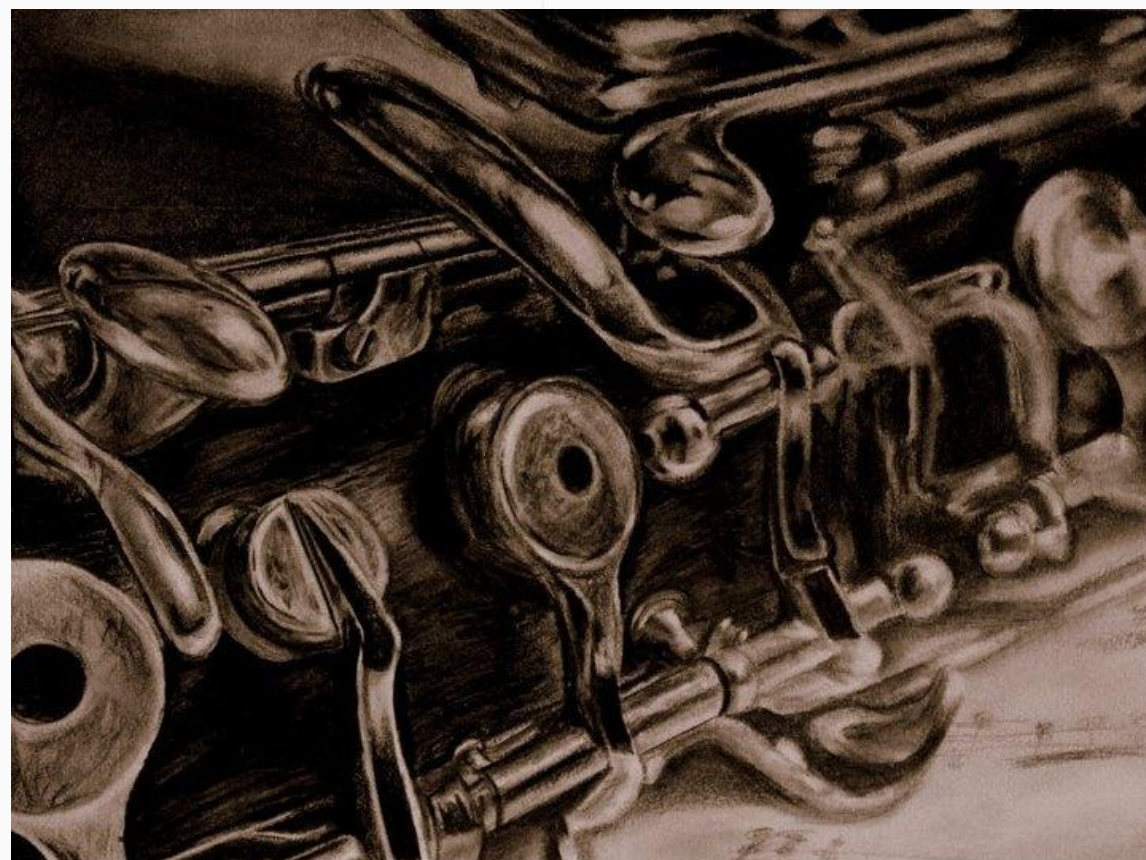
Consider the following as it pertains to music:

Who makes the music, what is the purpose of it?

Reed-making

- 1. Materials
- 2. Craftsmanship/Style
- 3. Measurements ->

TABLE 3 (continued)																	
Name	Reed No.	1 Center Thickness of Gouge	2 Length of Scrape	3 Tip Thickness				4 Cane Width, Widest Point	5 Cane Length, Binding to Tip	6 Overall Length of Reed	7 Staple Length	8 Staple Dim. at Base, I.D.	9 Staple Dim. at Top, Long Axis of Ellipse, I.D.	10 Staple Dim. at Top, Short Axis of Ellipse, I.D.	11 Staple Material	12 Staple Material Thickness	
				Blade 1			Blade 2										
				L	C	R	Opposing										
ITALY <i>continued</i>																	
Federico de Sanctis	1	.58	10.0	.05	.10	.05	.05	.10	.02	7.30	25.0	73.0	48.0	4.67	2.70	2.20	NS .28
	2	.58	9.5	.05	.13	.08	.02	.09	.02	7.03	25.0	72.0	47.0	4.82	2.70	2.05	NS .30
Giuseppe Tomassini	1	.53	11.0	.05	.05	.02	.02	.02	.01	6.90	25.0	74.0	49.0	4.86	2.80	1.90	B .36
	2	.58	10.0	.04	.07	.04	.01	.04	.01	7.10	25.0	73.0	48.0	4.81	2.55	1.95	B .33
NEW ZEALAND																	
Norman Edwin Booth	1	.56	10.0	.08	.07	.04	.05	.08	.08	6.80	23.5	72.5	49.0	4.95	2.70	1.95	B .28
	2	.61	11.0	.05	.04	.04	.04	.05	.02	6.67	23.5	71.5	48.0	4.84	2.70	1.85	B .28
RUSSIA																	
Leningrad Sym. (ex Sutcliffe)	1	.56	10.0	.10	.08	.05	.04	.08	.08	7.00	25.0	71.0	47.5	4.68	2.50	2.50	B .28
Anatol Petrov	1	.56	15.0	.02	.04	.02	.05	.09	.05	7.50	22.0	58.0	21.0	4.77	1.85	1.65	B .33
	2	.56	16.0	.04	.07	.04	.04	.07	.07	7.53	22.0	59.5	22.5	4.73	2.80	2.05	B .30
SWITZERLAND																	
Egon Parolari	1	.58	10.0	.01	.02	.01	.02	.04	.02	7.45	27.0	74.0	47.0	4.96	2.80	1.90	B .28
	2	.58	11.0	.04	.08	.08	.08	.07	.07	7.30	27.0	73.5	42.5	4.82	2.75	1.70	B .28
UNITED STATES																	
Rhadames Angelucci	1	.63	21.0	.01	.02	.01	.01	.04	.01	7.15	23.0	73.0	48.0	5.00	2.85	1.75	B .28
	2	.61	22.0	.01	.02	.02	.05	.08	.04	7.15	23.5	70.0	47.0	4.75	2.85	1.80	B .33
Leonard Arner	1	.56	18.0	.02	.05	.02	.01	.02	.02	7.00	24.0	72.0	48.0	4.95	2.80	1.90	B .28
	2	.56	18.0	.05	.05	.02	.05	.05	.05	6.82	24.5	72.5	48.0	4.91	2.90	1.80	B .28
Alfred Barthel	1	.46	7.0*	.20	.20	.20	.23	.23	.20	6.75	25.0	72.5	47.5	4.78	2.80	2.00	B .30
	1	.61	20.0	.01	.01	.01	.01	.01	.01	6.62	24.0	71.0	47.0	4.88	2.91	1.89	NS .28
Robert Bloom	1	.61	20.0	.01	.01	.01	.01	.01	.01	6.62	24.0	70.5	47.0	4.88	2.77	2.06	NS .23
	2	.61	20.0	.01	.01	.01	.01	.01	.01	6.65	24.0	70.5	47.0	4.88	2.77	2.06	NS .23



C o n c e r t o f o r O b o e a n d

S m a l l O r c h e s t r a

R i c h a r d S t r a u s s

SO... WHAT IS MUSIC?

