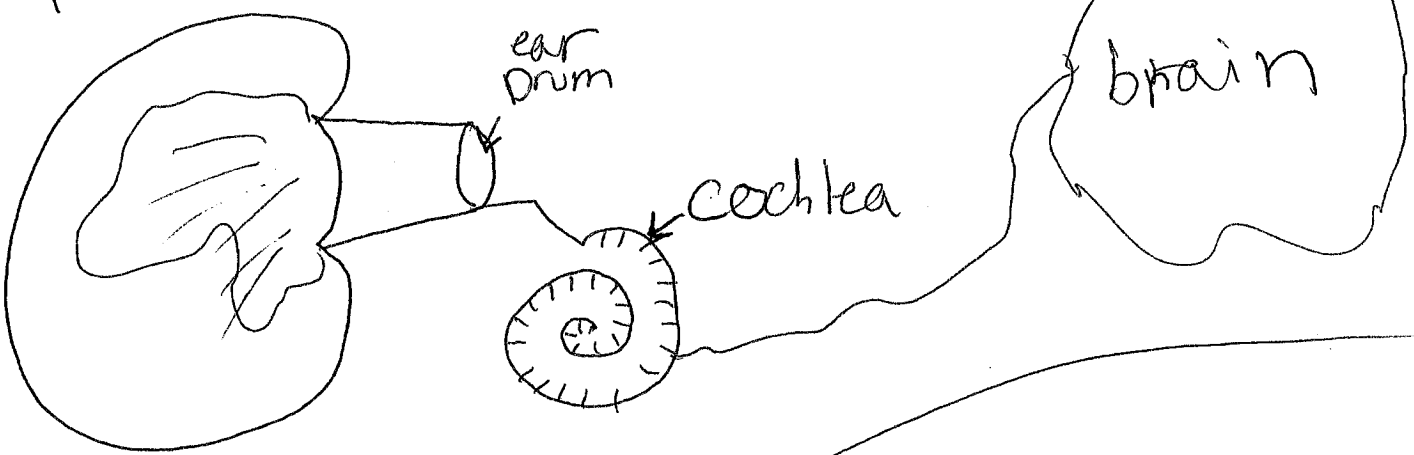
Music theory

Madison C.
June 19, 2013

Music = organized Sound
is
energy (vibrating, or wiggling) air

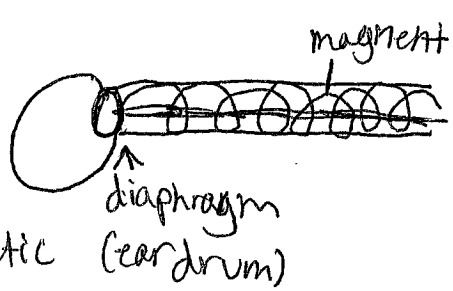
We can hear between 20 Hertz – 20,000 Hertz

How the ear works



Microphone

wiggling air



Kinetic

electrons

Speaker

Madison C.
June 19, 2013

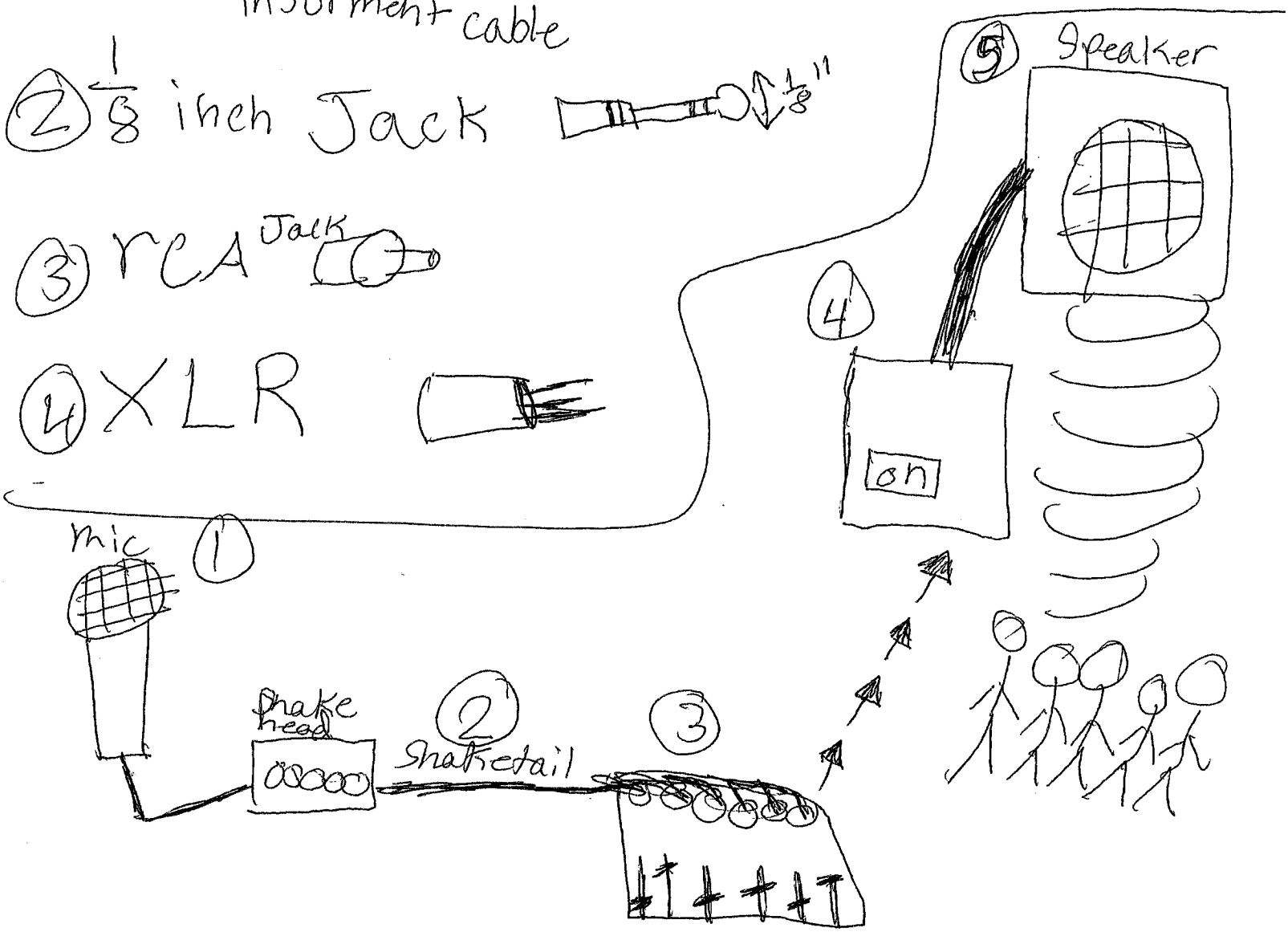
Connectors

① $\frac{1}{4}$ inch Jack insurment cable

② $\frac{1}{8}$ inch Jack

③ RCA Jack

④ XLR



Madison C.
June 19, 2013

Theos Logos
God word

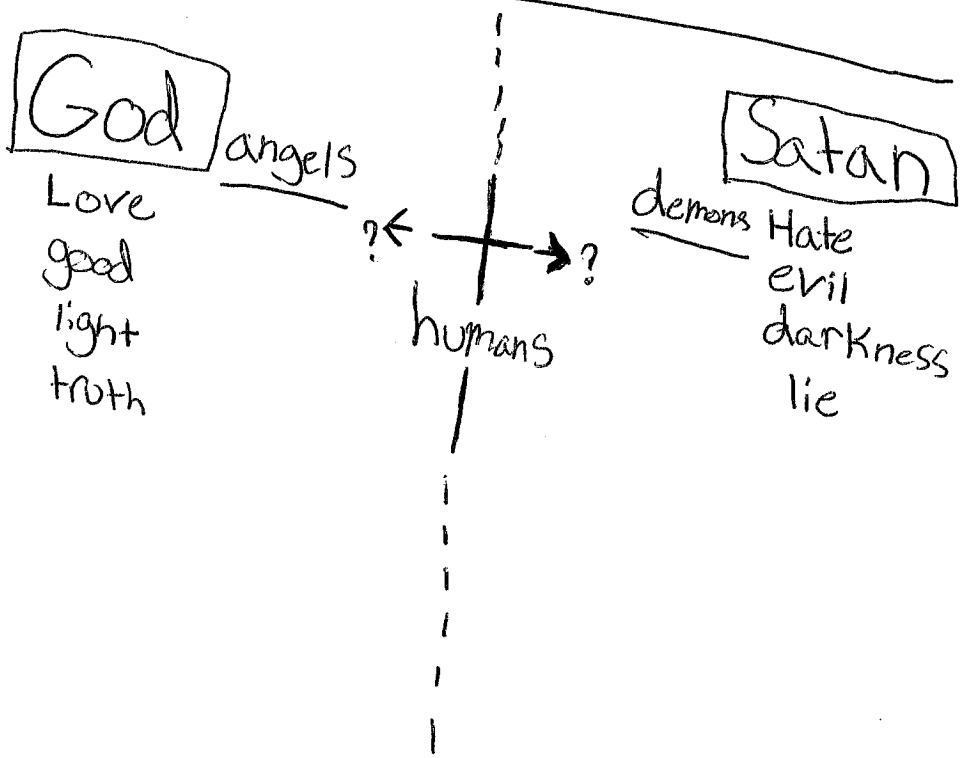
Theology

1. God is creator — we are his masterpeice
2. God is Spirit (3 in 1) — we are Spirit filled
3. God is a Warrior (Exodus 15:3) — we are warriors

LORD
or
YHWH

adonai
or
Lord

haSheem
or
"The name"



Madison C.
June 19, 2013

THE BATTLE

(Ephesians 6:12)

Not against flesh and blood

- rulers
- athorities
- cosmic powers

} over this present darkness

against spiritual forces of Evil.

Most important Truth

Music helps us remember, understand, and stay focused on the MOST important TRUTHS

Theos + logos
God word

Kate
June, 19, 2013

Theology

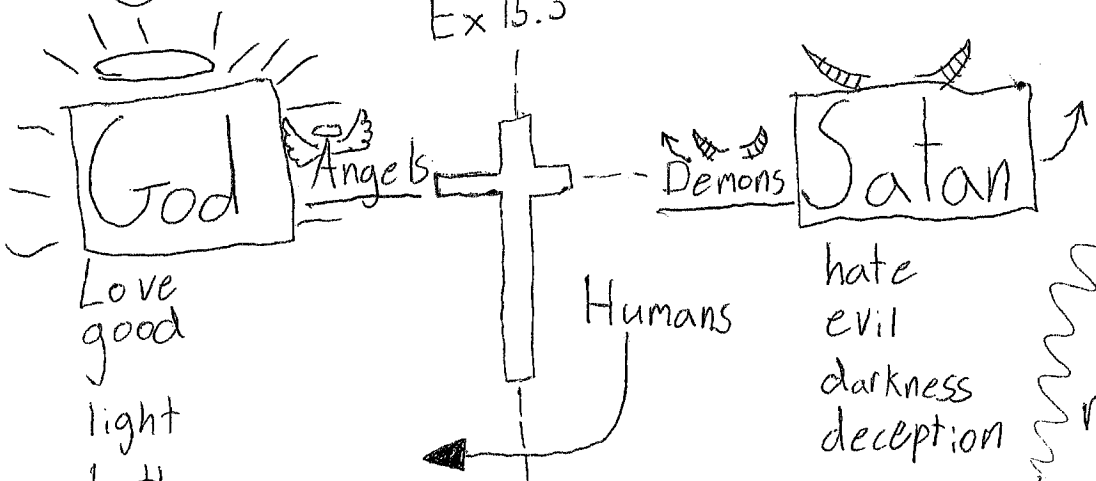
① God is $\boxed{\text{creator}}$ we are his $\boxed{\text{Masterpiece}}$

② God is spirit 3 in 1 we are spirit filled

③ God is a warrior Ex 15:3 we are warriors

LORD
YHWH
adoni "Lord" yahweh JeHoVAH hasheem "The name" = "I AM"

4 tetra — letters grammation



Love
good
light
truth

hate
evil
darkness
deception

The Battle

not against flesh and blood

- rulers
- athourities
- cosmic powers

} over this present darkness aginst $\boxed{\text{Spiritual}}$ forces of evil.

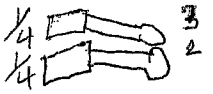
Most Important truth

music helps us - remember
- stay focusesed
- understand the most important truthes

- lies
- distraction

Kate
June, 19, 2013

connecters



① 1/4 inch Jack — Instrument cable — 1/4 — 1TS 2TRS 3TRRS

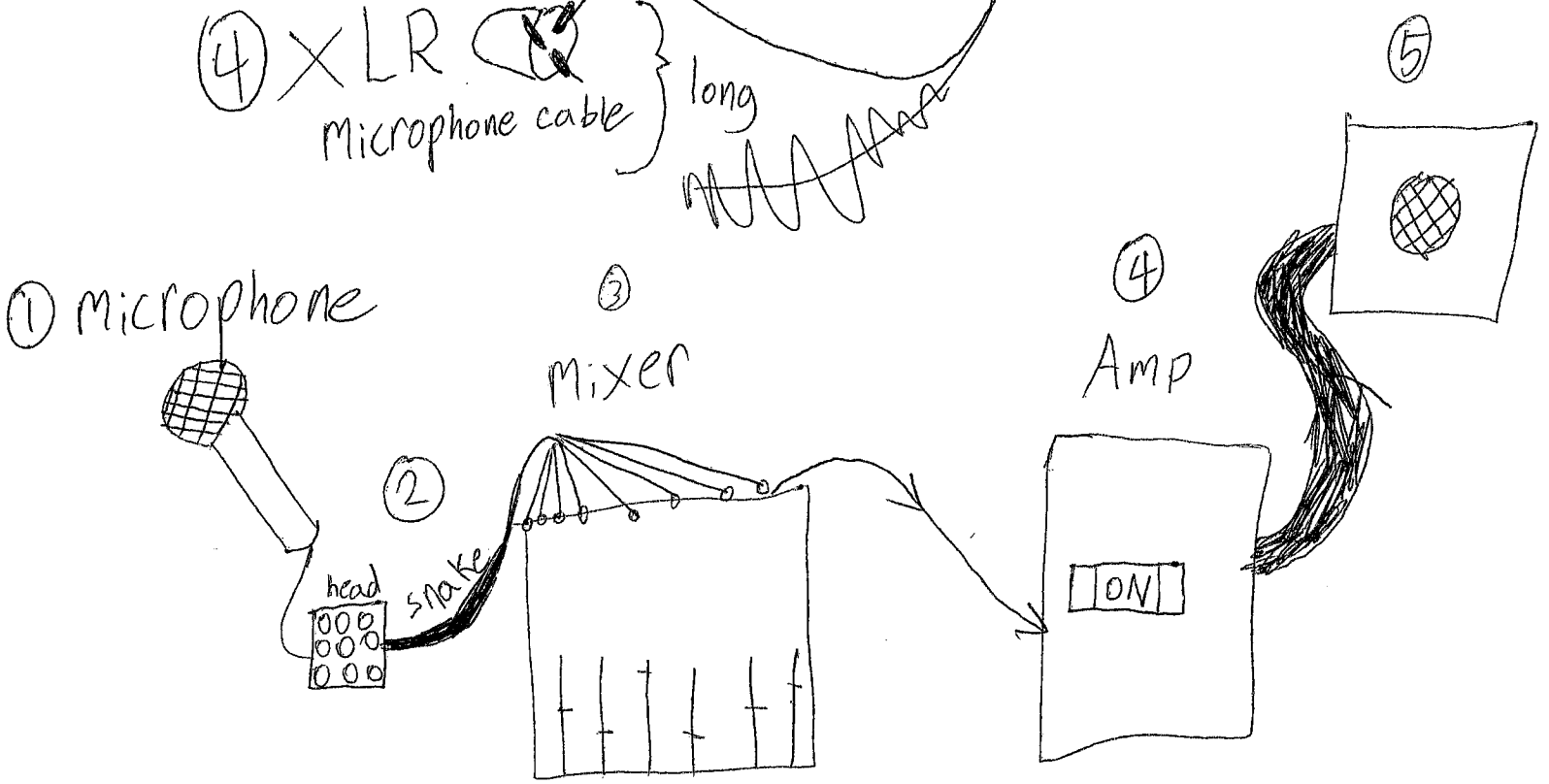
② 1/8 inch Jack — 1/8

③ RCA → Phono

④ XLR — Microphone cable

Short

long



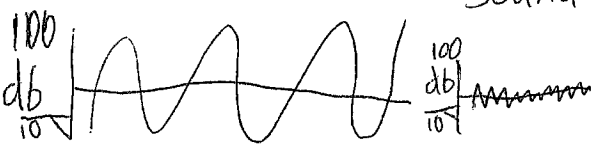
Music Theory

Kate
June, 19, 2013

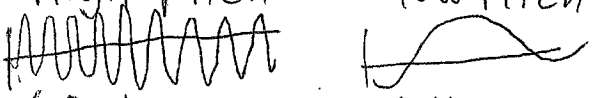
Music = organized sound
energy vibrating
oscillating - air
wiggling

When 1 2 3 4 5
What A B C D E F G
how loud/how fast

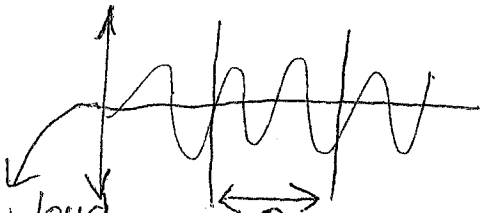
amplitude
LOUD sound
Quiet Sound



Frequency
high pitch
low pitch



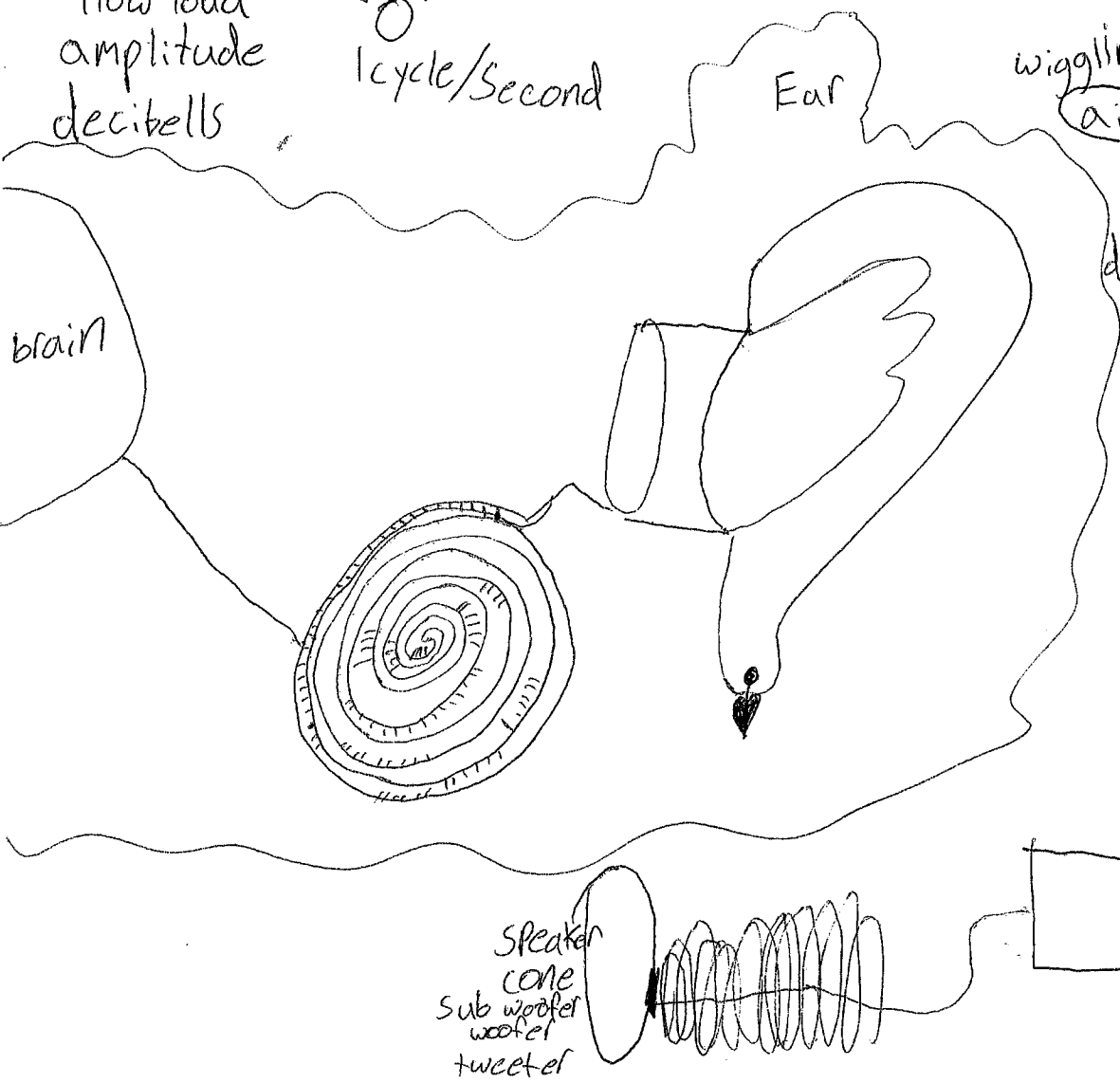
60 Hz
6 Hz



20-20,000 Hz

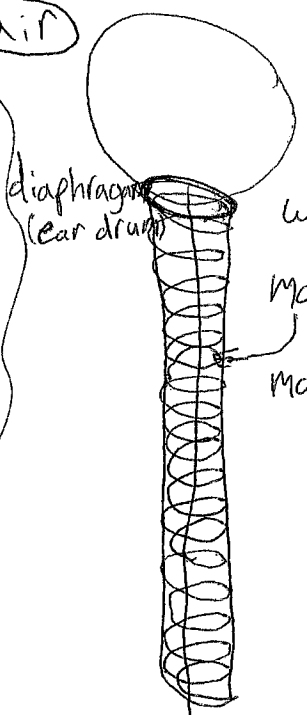
How loud
amplitude
decibells

1 cycle/Second

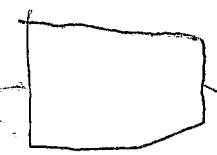


microphone
wiggling
air

Kinetic



wiggling
magnet
magnetic



Lucas Johnson
June 19, 2013

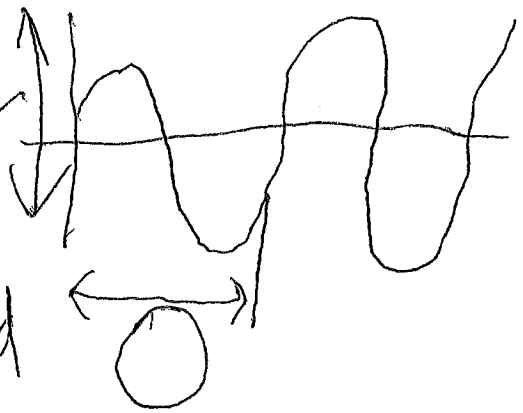
Music Theory

Music = organized sound
= energy vibrating
oscillating
wiggling
air

When?

What? Pitch

How fast what speed



20 20,000HZ

How loud
↓
amplitude

What is the frequency

1 cycle/Second Dr. Hertz HZ

The Battle (Eph 6:12)

Lucas Johnson
June 19, 2013

Not against flesh and blood

- rulers
- authorities
- cosmic powers

over this darkness

against Spiritual Forces of evil.

Satan
- lies
- distraction

Most important Truth

Music helps us remember and stay focused
- understand

Music theory

Alyssa Z
June, 14 2013

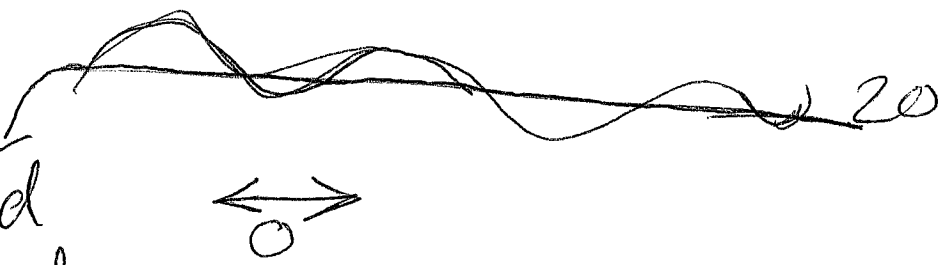
Music = organized sound
=
energy { Virating
oscillating
wiggling air

When?
What

How Loud

A b c D e F g

How fast? what speed



How Loud
Amplitude
0 / B

1 cycle / Second Hertz (Hz)

The battle

Alyssa. Z
June, 19 2013

Not against flesh and blood

- Rulers
- athorities
- Cosmic Power

- this Present darkness
- agents spiritual forces of EVIL.

Most Important Truth

Satan

Music help us - Remember lies
- distraction
- stay focused on
- understand

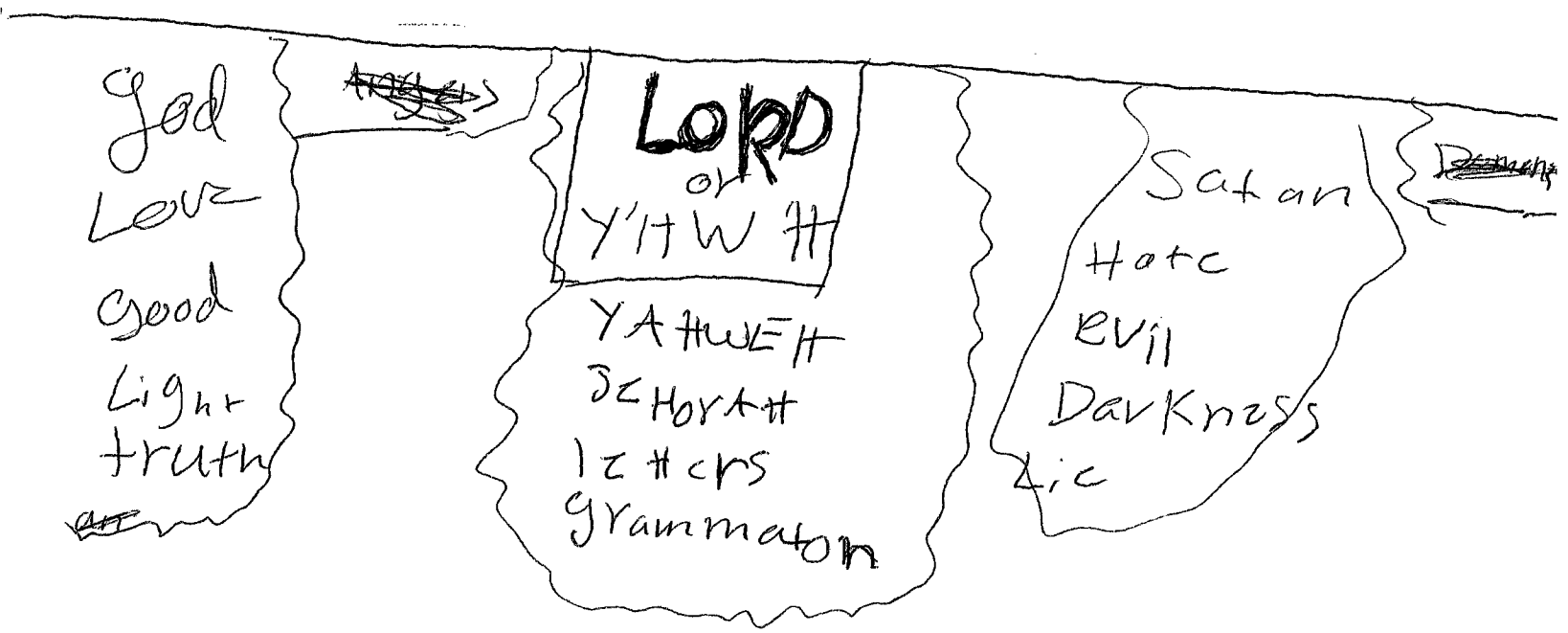
Alyssa Zadwick
June 19, 2013

Theos + Logos
god words

theosLogos

1. God is creator — we are masterPiece
2. God is Spirit — we are spirit filled
3. God is a warrior — we are warrior

Ex. 15:3



Peter
June 19, 2013

Music theory

Music = organized sound
||
energy vibrating oscillating wiggling

when?
what?
how loud?
how fast?
what speed

Microphone

wiggling air

magnet

diaphragm (eardrum)

air

electrons

Kinetic magnetic

speaker

Kinetic air

electric

speaker cone

magnet

woofer tweeter

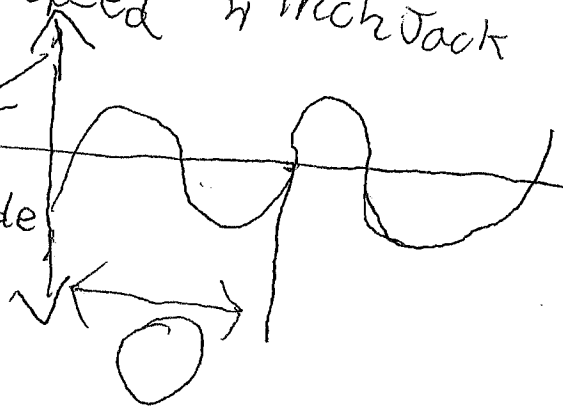
ear drum

connectors

① 1/4 inch Jack

How loud?

Amplitude



instrument cable

1/4

② 1/8 inch Jack

③ RCA

Phone

④ XLR

microphone cable

ear drum

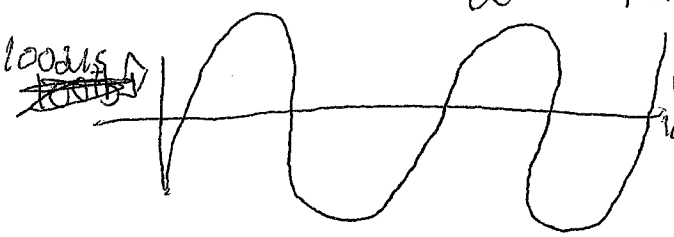
cochlea

Brain

What is th ~~freq~~ frequency

1 cycle / second Dr Hertz Hz

Loud sound Amplitude



100 dB

100 10 dB

Quiet sound

microphone

Speaker

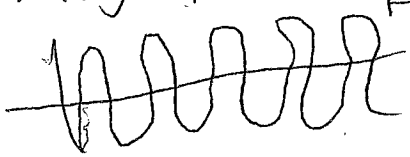
mixer

~~mixer~~ Amp

Snake

High pitch

Frequency

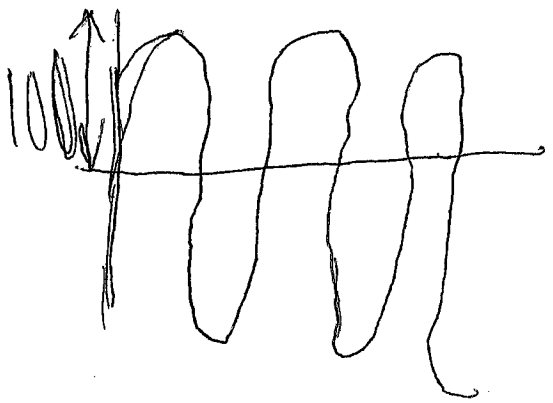


600 HZ

Low pitch

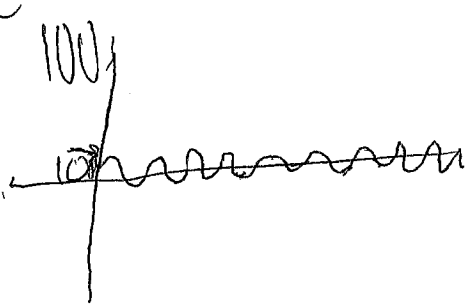
6 HZ

Loud Sound

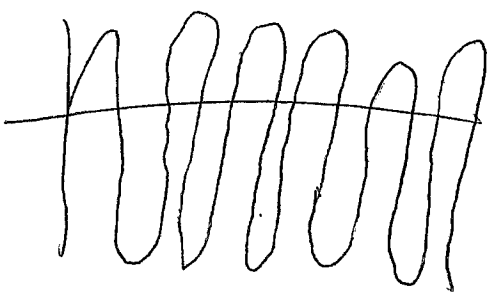


Amplitude

Quiet Sound



High pitch



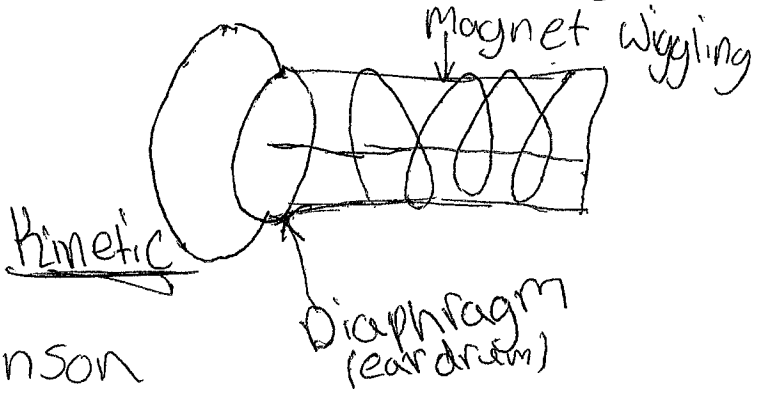
600 Hz

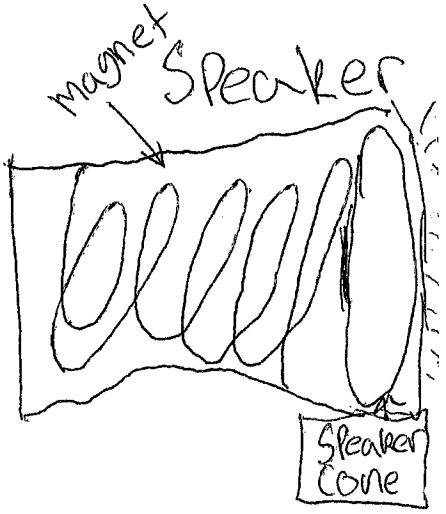
Frequency

Low Pitch

6 Hz

Microphone





Lucas Johnson
June 19, 2013

Page 1

Carys F
June 19, 2013

Music Therory

music = organized sound
- vibrating
- oscillating
- wiggling

air

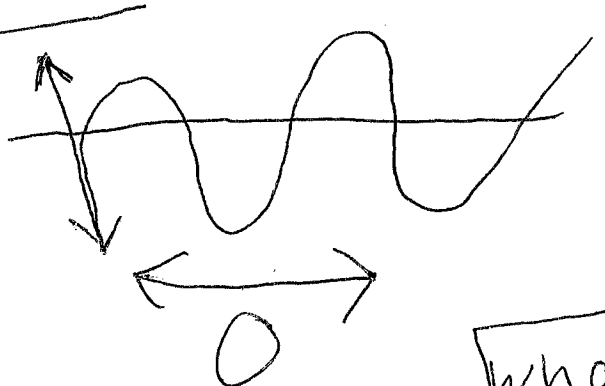
= energy

When?

What? Pitch

How Loud? How fast? what speed

Amplitude



20,000 Hz

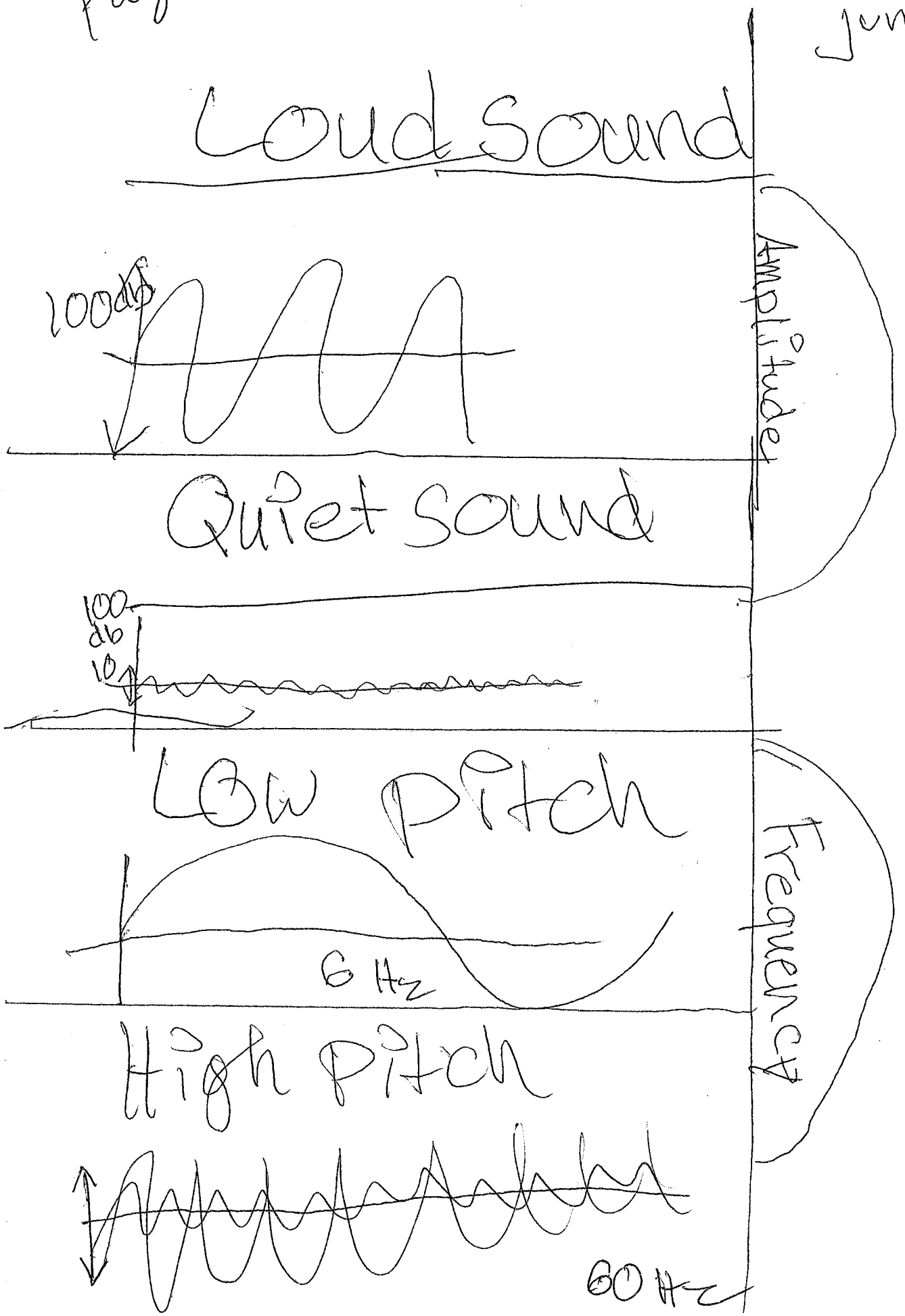
Hz = Hertz

1 cycle / second

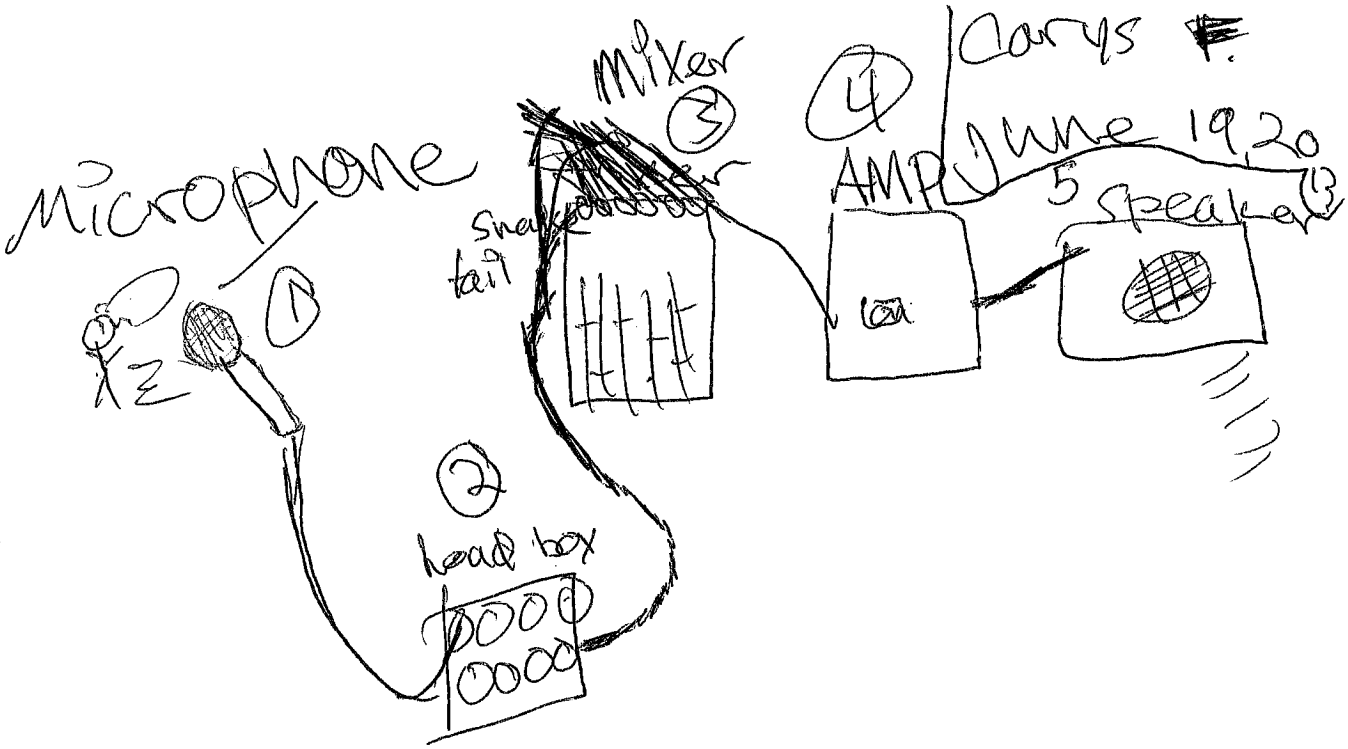
what is Hertz the frequency?

Carys F.

June 19, 20[illegible]



Page 5


Carys
June 19,20
Microphone
Mixer
3
4
AMP
5
Speaker
13
Snake tail
1
2
head box

Carys F.
June 19, 2013

The Battle

Not against flesh and blood

- rulers
- athorities
- Cosmic powers

over this Present Darkness against spiritual forces of evil Satan

- lies
- distraction

Most important Truth

Music helps us remember to stay focused and understand the most important truth

Page 1

Caryl F.
June 19, 2013

Theos + Logos

God word study

theology

① God is creator
② God is Spirit
③ God is a warrior

Ex. 15:3

we are master piece
we are spirit filled
We are warriors

LORD

YHWH

The great I am

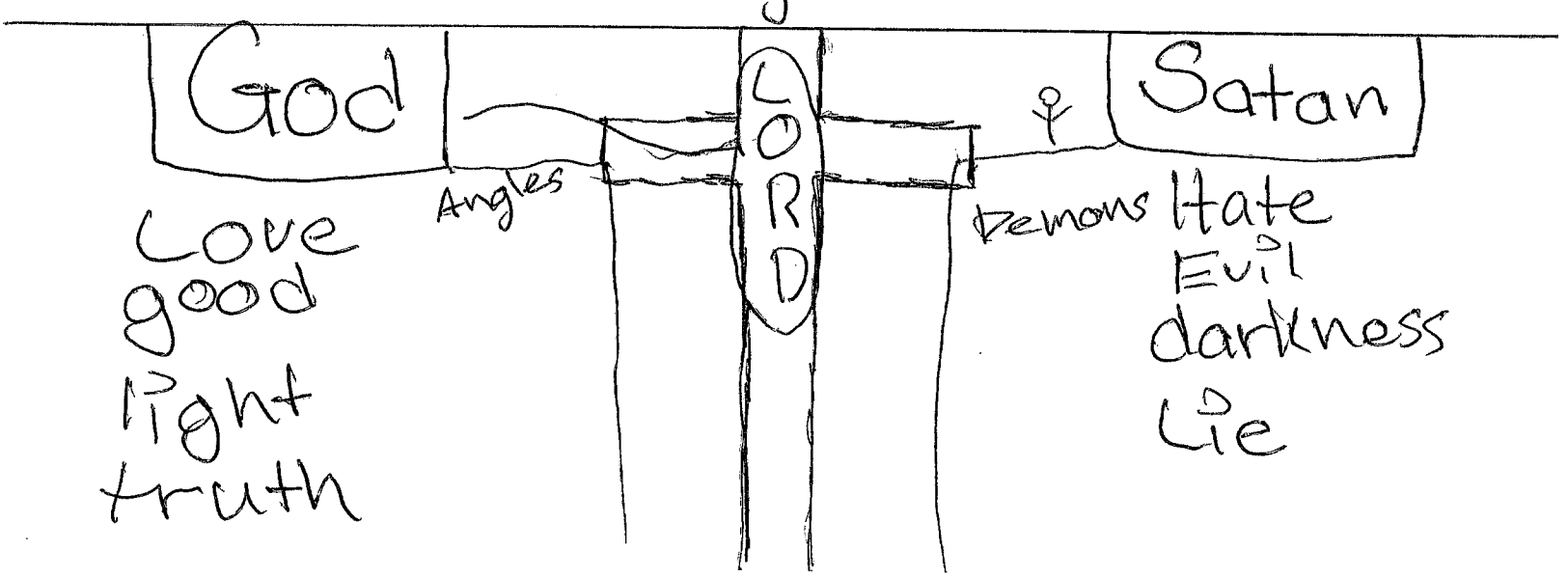
adoni
Lord

hashem
"the name"

4 tetra

YAHWEH
Jehovah

Letters grammaton



Justin Dehart
June 19, 2013

Theos Logos

god + word

~~theologos~~

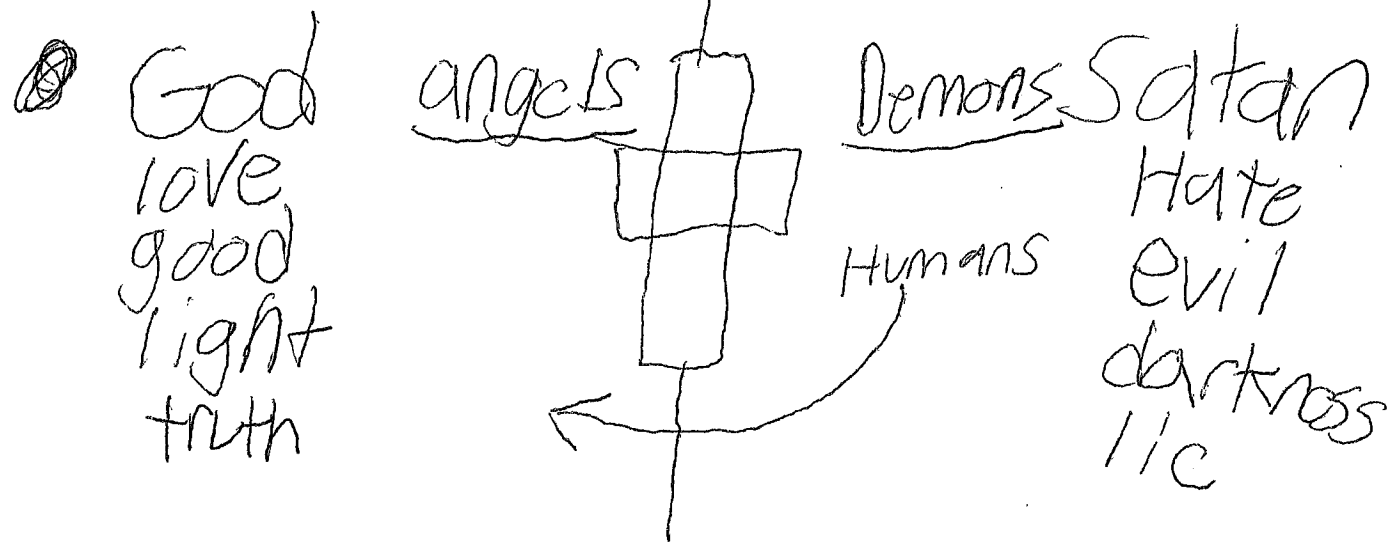
Theology

① god is creator
② god is spirit
3 in 1
③ god is a Warrior

We are masterpiece
We are spirit filled
We are Warriors

4
tetra

EX 15:3



Music Theory Daleena

June 19, 2013

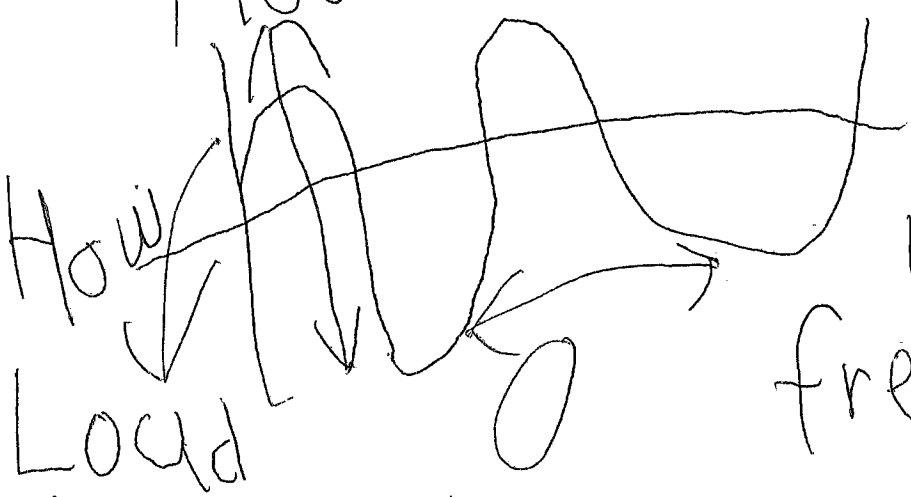
Music = organized sound

When? A# ABC Amplitude energy

What? Vibrating Oscillating

How fast What speed → Wiggling air

20 20,000 HZ



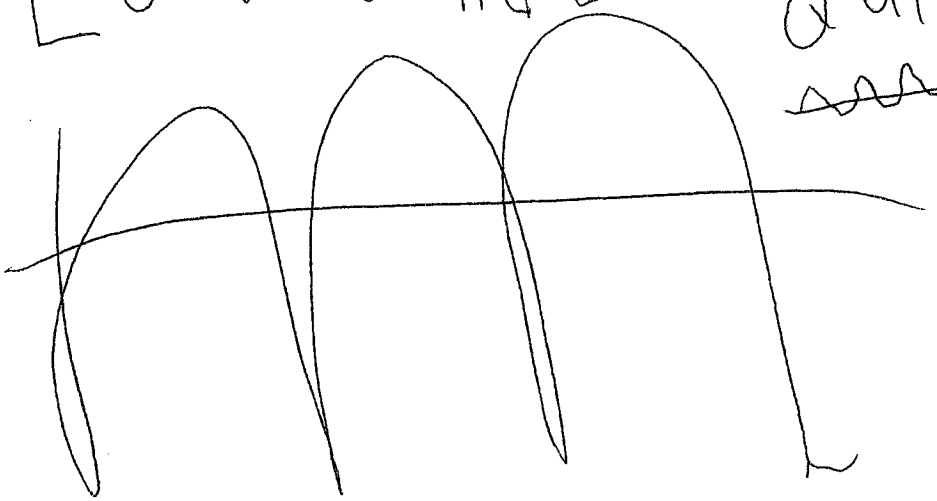
How Loud Amplitude

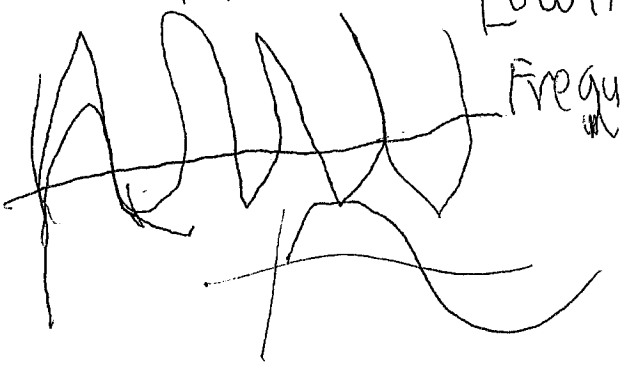
What is the frequency Dr

Cycle/second Hertz

Loud sound

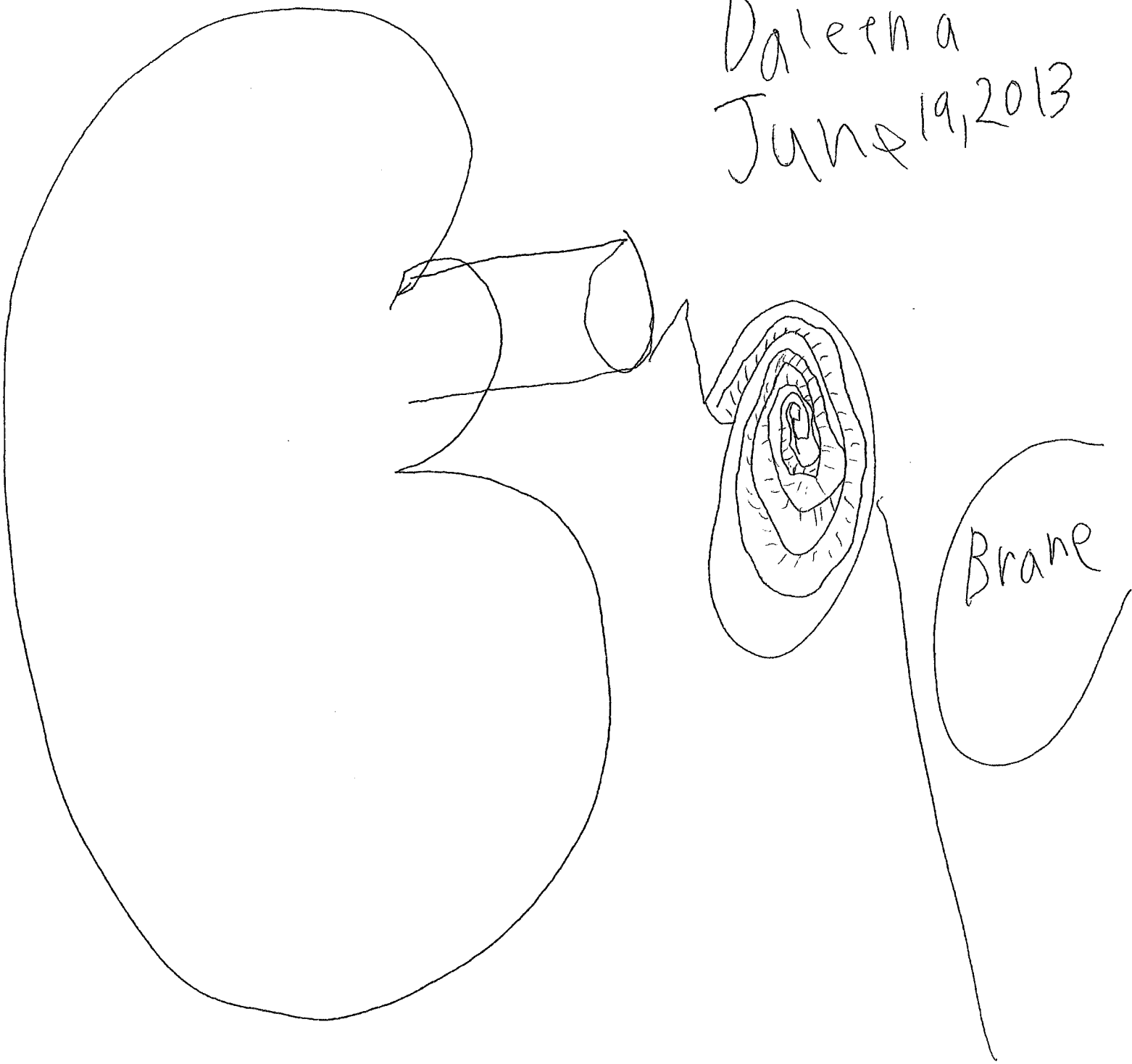
Quiet High Pitch Hz

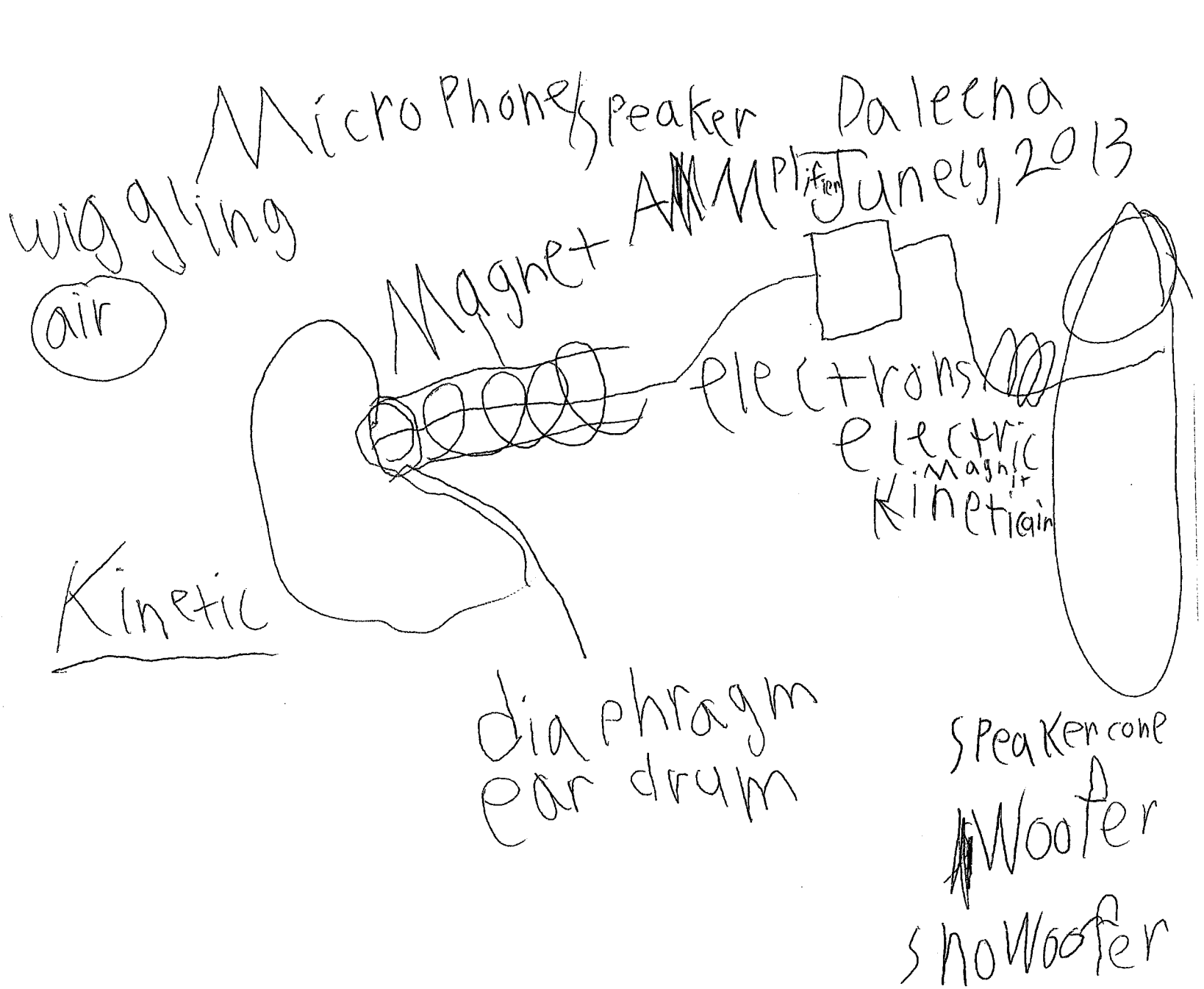


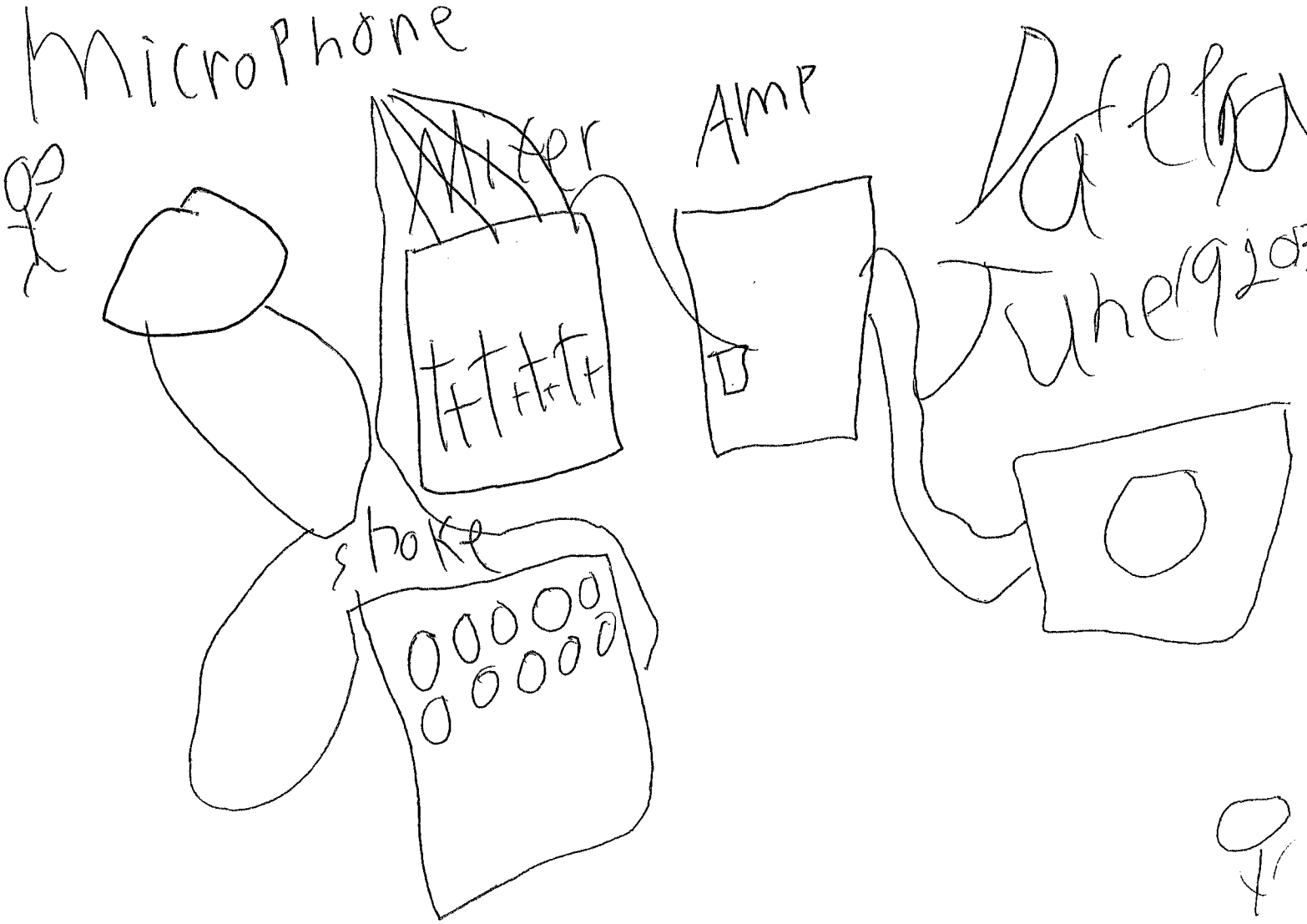


Low Pitch Frequency

Dalena
June 19, 2013




MicroPhone/Speaker
Daleena
June 9, 2013
wiggling
air
Magnet
Amplifier
electrons
electric
magnetic
Kinetic
Kinetic
diaphragm
ear drum
speaker cone
Woofer
subWoofer


Microphone
Mixer
Amp
Speakers
Smoke

Connectors Daleena

1/4 Inch June 19, 2013

The Battle Eph 6:12 Daleena

not against flesh and June 19, 2013

blood { rulers
authorities
Cosmic Powers }

Over this Present darkness
against st Spiritual

Most Important

Truth

Satan
lies
distraction

Music helps us remember
Stay focused
Understand

Theos Logos
God Word
Theology

Daleena
June 19, 2013

① God is creator We are Master piece
② God is spirit We are Spirit filled
③ God is Warrior
the great I AM
We are Warriors Ex 15:3
LORD or YHWH or YaHuEH
hasham adormlerd JeHovaH
4 letters
tetra grammaton God satan
Angels Love Hate
good evil Demons
light darkness
truth lie

David
June 19,
2013

Theos Logos
God + word
LORD
~~Theology~~

adonay
lord

Y^a H^o W^u H hasheem "The name"

the great "I AM"

YAHWEH
Jehov'aH

① God is creator

② God is Sprit

③ God is a warrior

4 letters
tetra grammaton

Ex : 15 : 3

We are warriors

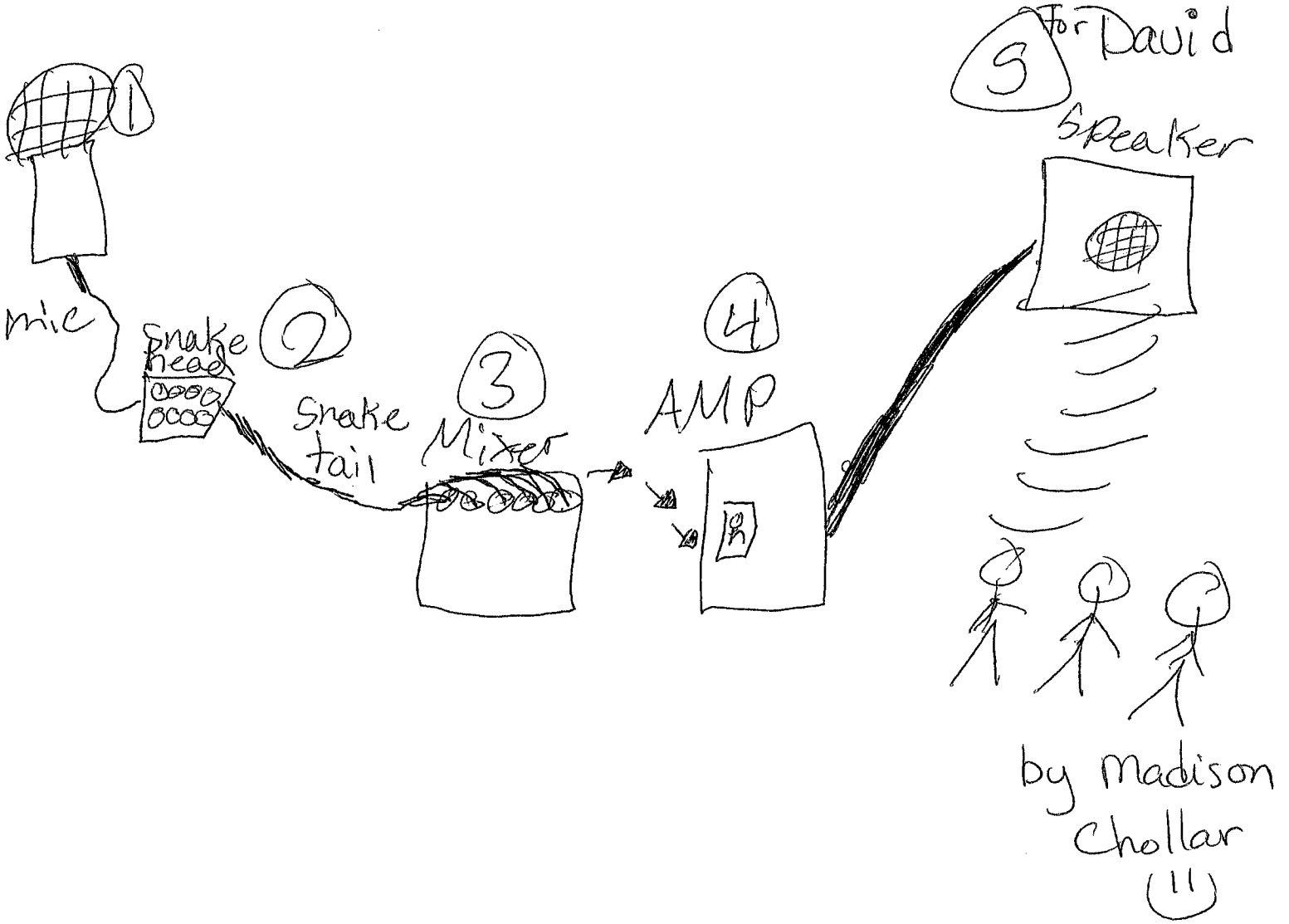
God
Love
good
light
truth

Angels

Demons

Satan
Hate
evil
Darkness
lie

Humans



by Madison Chollar (11)

Music Theory

David

1a, 2013

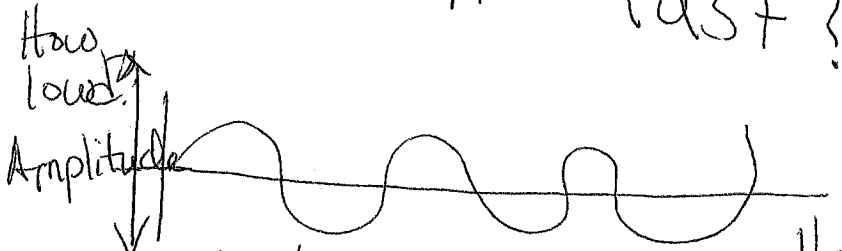
Music = organized sound

= energy

→ When?

- What? ABC = Pitch
- How fast? What Speed?

Vibrating
Oscillating
Wiggling
air

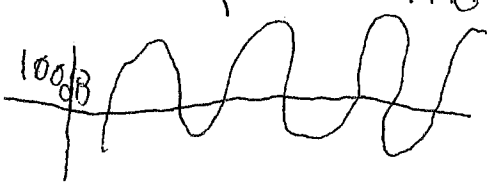


1 cycle/second

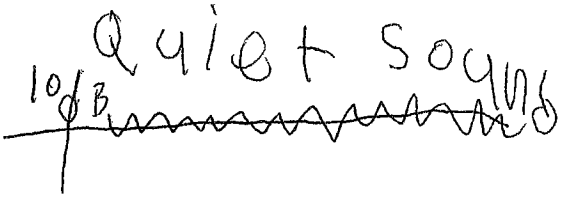
Humans can hear between

20 ——— 20,000 Hz

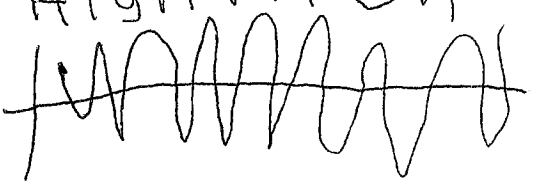
Loud sound



Quiet sound

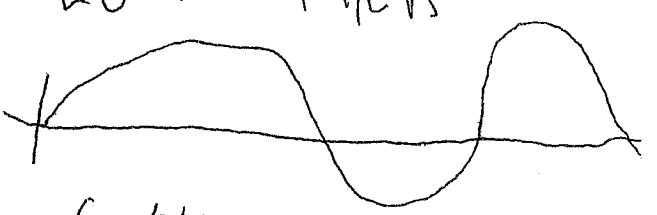


High Pitch



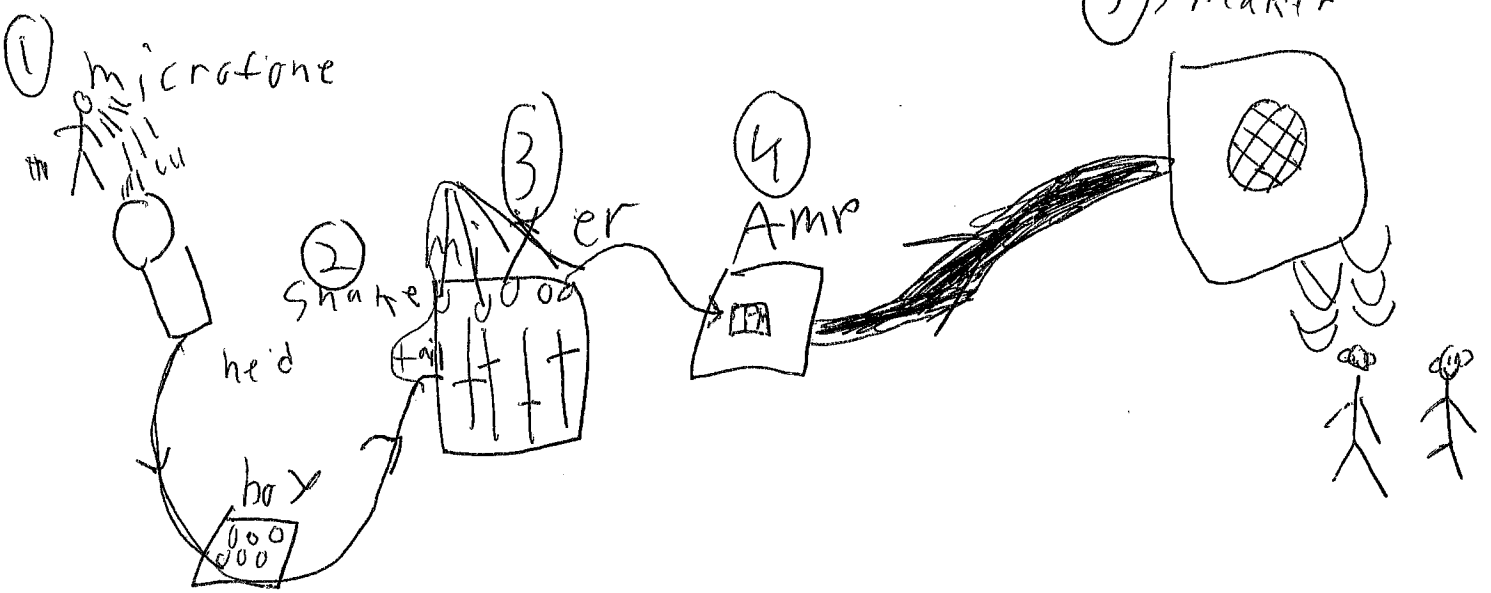
600 Hz

Low pitch



6 Hz

AAmon condon
June 19, 2013



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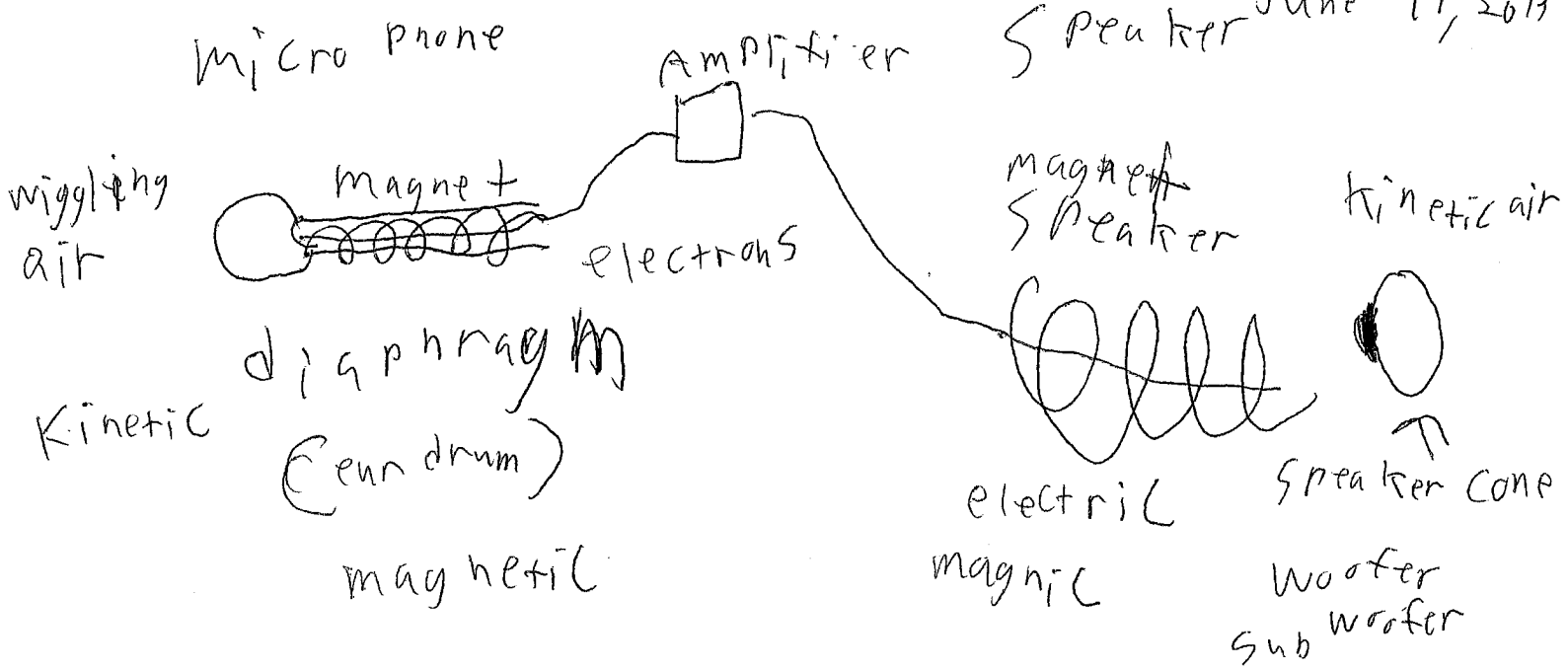
June 19, 2013



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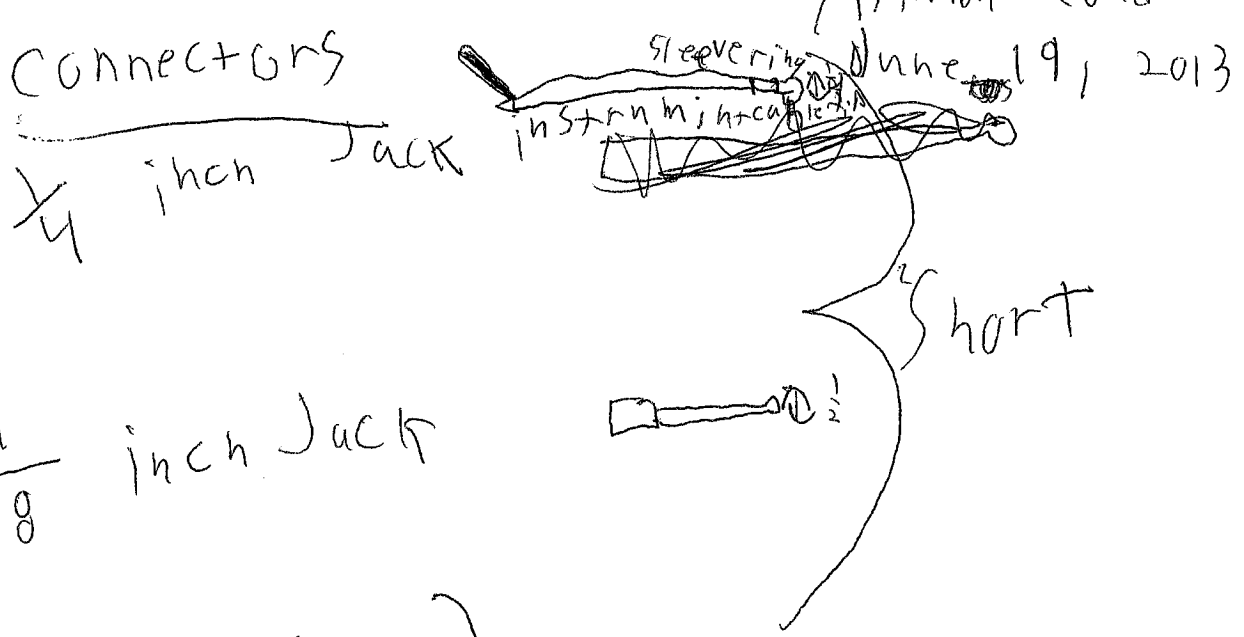

Music theory

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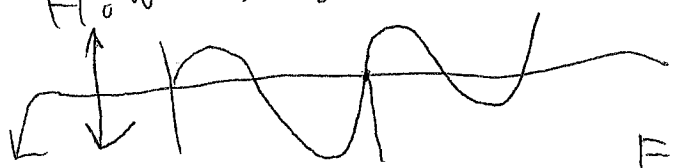
music = Oranized Sound
||
energy = Vibrating
Oscillating air
Wiggling

When?

What? Ab AB Bb Cb CF Db DF Eb EF Fb FF gb GF

How fast? What speed



20 20,000 Hz

Frequency

Howloud
Amplitude

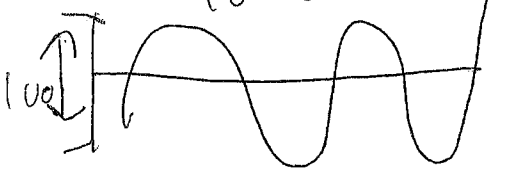
0

1 cycle/second

Herts Hz

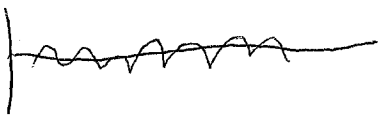
---

loud Sound Amplitude



quit sound

10



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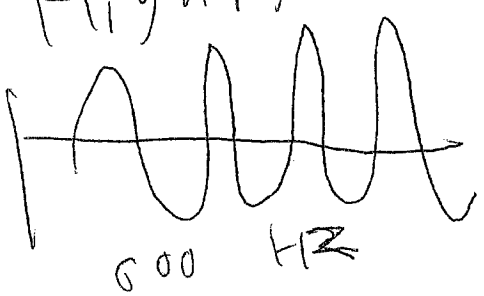
Highpitch



600 Hz

Frequency

low pitch

6 Hz

theology LORD YHWH

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1. God is creator — We are his masterpiece
2. We are spirit-filled — God is spirit
3. God is a warrior — We are a warrior

the great I am

angles humans demons

God = love angles
good
light
truth

Saten = Hate demons
evil
darkness
lie

The Battle (Eph 6:12)

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Not against flesh and blood

- rulers
- Authorities
- cosmic powers

over this present darkness

against spiritual forces of evil

most important truth

- Satan
- lies
- distraction

music helps us remember and stay focused on those most important truths and understand the truths