



# Atmosphere Air

## Essential Question

# What is Air?

pt 2

Cue: Review:  
Thoughts: Main Idea  
video

### NOTE Taking AREA:

by I Ken Edu

Also see ch 12 Air (pt 2)

Air

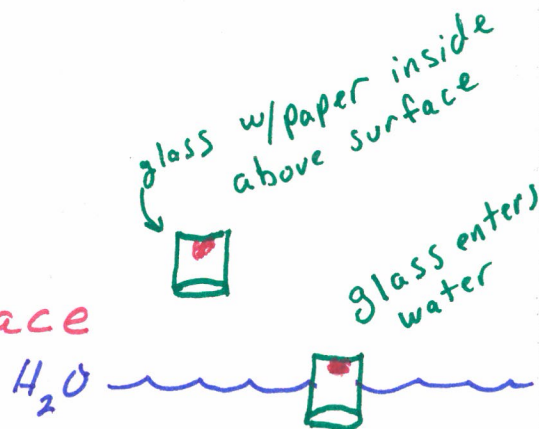
↳ ⊕ is blanketed by a thick layer of gases called: Air

↳ Air makes up EARTH'S ATMOSPHERE

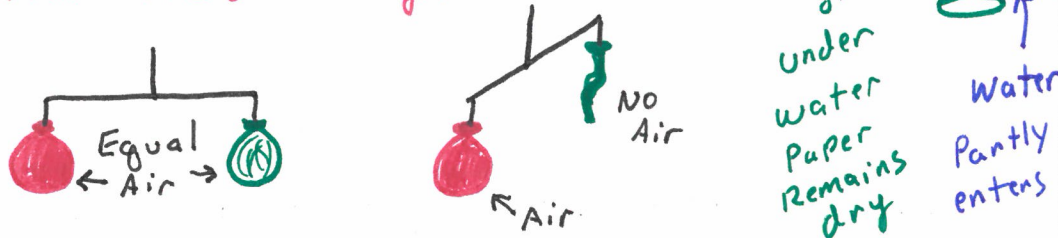
↳ Nitrogen  
Oxygen  
Other (Argon)

3 main Properties

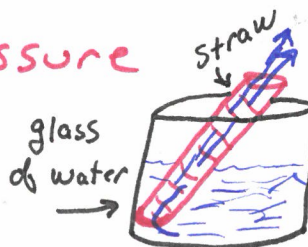
1) Air occupies space



2) Air has Weight



3) Air exerts Pressure





Topic/Objective CHAPTER:

NAME:

DATE


Cue: Review:  
Thoughts: Main Idea

NOTE Taking AREA:

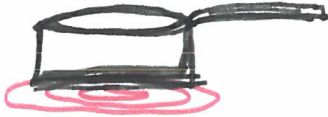
# Electromagnetic waves

3 types

## Radiation

- ↳ energy from the  Sun
- ↳ energy from other materials
- ↳ produced by electromagnetic energy

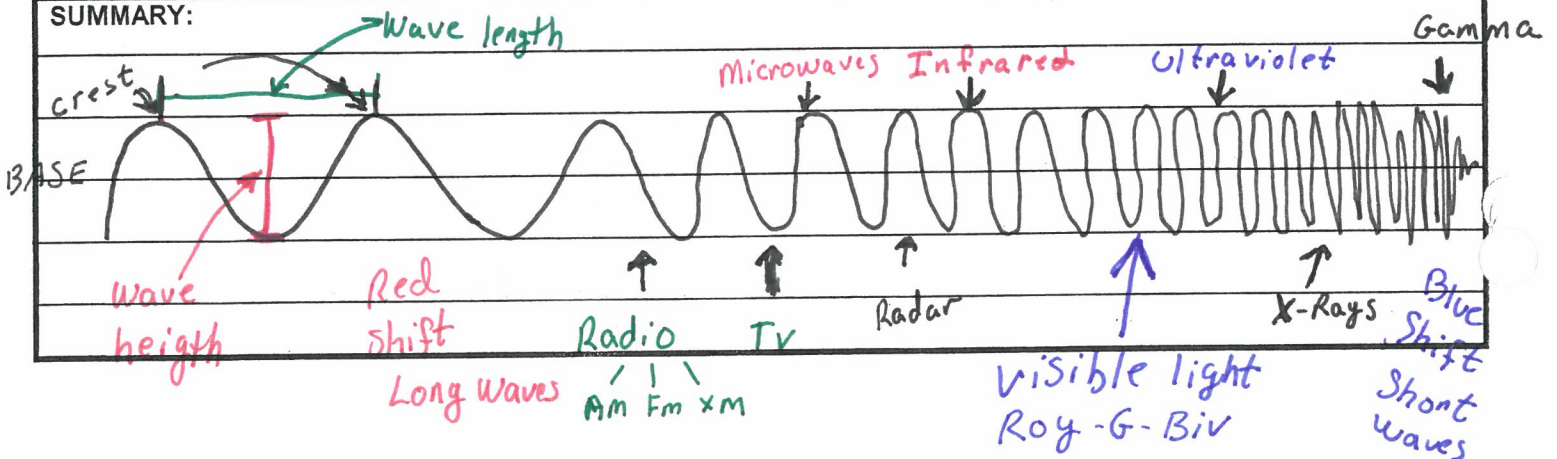
## Conduction

- ↳ energy from direct contact of molecules.
- ↳ Pan on stove 

## Convection

- ↳ energy in the transfer of different density.
- ↳ Heat rises, expands, condenses, cools sinks, Reheats (convection current)

SUMMARY:





Topic/Objective CHAPTER: 11

NAME:

The Atmosphere **Air**

Pd: 1 2 4 5 other

DATE

Essential Question

What is Air?

PT 1

Cue: Review:  
Thoughts: Main Idea

NOTE Taking AREA:

Mr. Parr → Youtube video: The Air Song

Air

- is a mixture of gases
- forms a protective layer
- recycled in the air
- needed for ALL Life

- is a fluid thus can be ↙ dry  
↘ humid

Chemicals  
in the Air

→ Contains

Nitrogen 78%

Oxygen 21% > 99%

1% other junk Argon

Ne, He, Kr, CH<sub>4</sub>, CO<sub>2</sub>

Global  
Warming

warming of the planet's Atmosphere  
by 2 main gases:

1. CO<sub>2</sub>

2. H<sub>2</sub>O

USE for  
Oxygen

- using oxygen to release energy  
which is vital for Plants & Animals

NOTES CONTINUE ON OTHER SIDE



Topic/Objective CHAPTER:

NAME:

DATE

Cue: Review:  
Thoughts: Main Idea

NOTE Taking AREA:

Harmful  
Pollution

→ Pollution makes Air quality harmful to us.

Ozone

↳ Ozone layer

↳ <sup>thin</sup> layer of gas around planet located in the stratosphere

See Ozone notes.

SUMMARY: