



Topic/Objective CHAPTER: 11

NAME:

Pd: 1 2 4 5 other

DATE

The Atmosphere **Air**

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

most

- is a fluid thus can be $\begin{cases} \rightarrow \text{dry} \\ \rightarrow \text{humid} \end{cases}$

Chemicals

in the Air

→ Contains

Nitrogen 78%

Oxygen 21% > 99%

1% other junk Argon

Ne, He, Kr, CH₄, CO₂

Global Warming

warming of the planet's Atmosphere
by 2 main gases:1. CO₂2. H₂OUSE for
Oxygen

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

NOTES CONTINUE ON OTHER SIDE



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Cue: Review:
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NOTE Taking AREA:

Harmful
Pollution

→ Pollution makes Air quality harmful to us.

Ozone

→ Ozone layer

→ ^{thin} layer of gas around planet located in the stratosphere

See Ozone notes.

SUMMARY:



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Atmosphere Air

Essential Question

What is Air?

Pt 2

Cue: Review:
Thoughts: Main Idea
video

NOTE Taking AREA:

by Iken 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

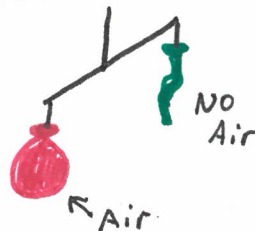
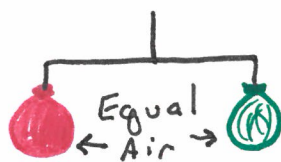
1) Air occupies space

 H_2O

glass w/paper inside
above surface

glass enters
water

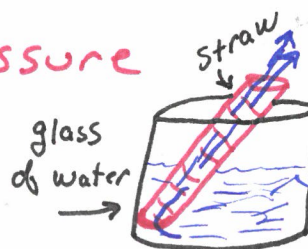
2) Air has Weight



glass
under
water
Paper
Remains
dry

Water
Partly
enters

3) Air exerts Pressure



NOTES CONTINUE ON OTHER SIDE



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NOTE Taking AREA:

electromagnetic waves

3 types

Radiation

- ↳ energy from the 
- ↳ 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:

