

MATTER

Watch the video and read the information below to understand everything about MATTER:

<https://www.youtube.com/watch?v=ELchwUIIWa8>

MATTER

Definition: Anything that has weight and takes up space.

EVERYTHING IS MADE OF
MATTER

Weight : how heavy is something

Volume: the amount of space taken

STATES OF MATTER:

LIQUID

Liquids take up space

Liquids have weight



SOLID

SOLIDS have weight and take up space



GAS:

Air is an example of gas.

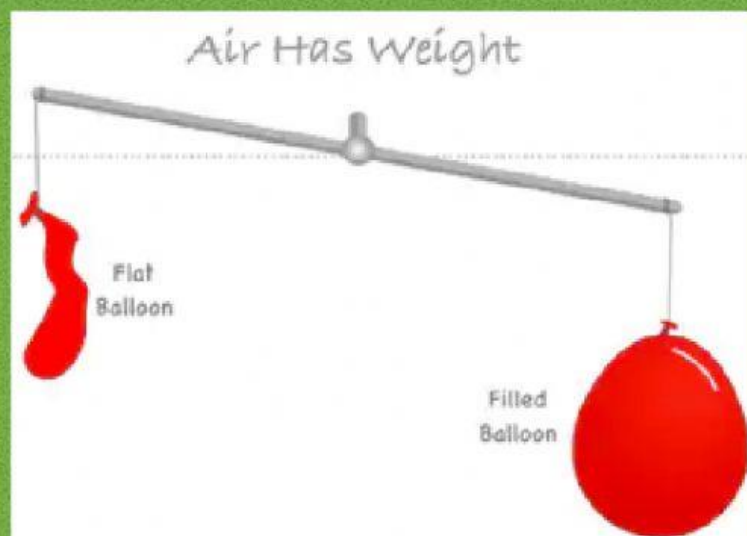
How do we know air (or any gas) is there if we can't see it?-

EXPERIMENT

☼ If air is matter it should take a space:



☼ If air is matter it should have weight:



MATTER has WEIGHT and TAKES UP SPACE, whether it's LIQUID, SOLID or a GAS

ANSWER THE QUESTIONS:



- 1.Does it take up space? YES/NO
 - 2.Can you see it? YES/NO
 - 3.Does it weigh anything? YES/NO
 - 4.Can it change its shape? YES/NO
- Gasoline** is a LIQUID/SOLID/GAS



- 1.Does it take up space? YES/NO
 - 2.Can you see it? YES/NO
 - 3.Does it weigh anything? YES/NO
 - 4.Can it change its shape? YES/NO
- Smoke** is a LIQUID/SOLID/GAS



- 1.Does it take up space? YES/NO
 - 2.Can you see it? YES/NO
 - 3.Does it weigh anything? YES/NO
 - 4.Can it change its shape? YES/NO
- Ketchup** is a LIQUID/SOLID/GAS



- 1.Does it take up space? YES/NO
 - 2.Can you see it? YES/NO
 - 3.Does it weigh anything? YES/NO
 - 4.Can it change its shape? YES/NO
- A baseball** is a LIQUID/SOLID/GAS



- 1.Does it take up space? YES/NO
 - 2.Can you see it? YES/NO
 - 3.Does it weigh anything? YES/NO
 - 4.Can it change its shape? YES/NO
- Salt** is a LIQUID/SOLID/GAS



- 1.Does it take up space? YES/NO
 - 2.Can you see it? YES/NO
 - 3.Does it weigh anything? YES/NO
 - 4.Can it change its shape? YES/NO
- An apple** is a LIQUID/SOLID/GAS