

L33 — Air Pressure

Read Aloud Passage

Air is made of countless particles bouncing around and pushing on everything they touch; that push is air pressure. Squeezing air into a smaller space packs its particles closer together and raises the pressure.

Solids and liquids barely compress because their particles are already packed close, but a gas has room to give. The more a gas is compressed, the harder it pushes back.

Activity 1

Match each word from the word box to its definition. Write the word in the blank.

Word Box: *air pressure compress particle*

1. ____ — The push created by countless particles of air bouncing against a surface.
2. ____ — To squeeze into a smaller space, packing particles closer together.
3. ____ — One of the countless tiny bits of matter that a gas, liquid, or solid is made of.

Activity 2

Each phrase below is a fragment, not a full sentence. Add what is missing to make a complete sentence.

1. *bouncing against a surface*

2. *packing particles closer together*

Activity 3

Combine the short sentences below into one smooth sentence.

1.

- Air is made of countless particles bouncing around and pushing on everything they touch; that push is air pressure.
- The more a gas is compressed, the harder it pushes back.

Combined sentence:

2.

- Squeezing air into a smaller space packs its particles closer together and raises the pressure.
- Solids and liquids barely compress because their particles are already packed close, but a gas has room to give.

Combined sentence:

Activity 4

Each sentence below is a run-on. Rewrite it correctly.

1. Air is made of countless particles bouncing around and pushing on everything they touch; that push is air pressure squeezing air into a smaller space packs its particles closer together and raises the pressure.

Correction:

2. Solids and liquids barely compress because their particles are already packed close, but a gas has room to give the more a gas is compressed, the harder it pushes back.

Correction:
