

Air is Real

READ ALOUD PASSAGE

Air is a real thing. Even though you cannot see it, air takes up space and has weight. Scientists say that air is a substance, which means it is made of real matter.

You can prove that air takes up space. If you push an upside- down cup straight down into a bowl of water without tilting it, the inside of the cup stays dry. That is because the air trapped inside is keeping the water out.

Air also has weight. If you take two identical balloons and blow one up bigger than the other, the fuller balloon will be heavier. The extra air inside adds weight.

Earth is surrounded by a thick blanket of air called the atmosphere. The atmosphere stretches many miles above the surface of the Earth and is held close by gravity. Without gravity, the air would drift away into space. When astronauts travel into space, they must bring their own air supply because there is no atmosphere in space.

Activity 1

Because / But / So Complete each sentence three different ways.

Air takes up space and has weight because

.....

Air takes up space and has weight but

.....

Air takes up space and has weight so

.....

Activity 2

Fill in the blank with the correct word from the word box.

WORD BOX

substance atmosphere gravity weight pressure

1. Air is a real _____ even though you cannot see it.
2. The blanket of air surrounding Earth is called the _____.
3. The atmosphere is held close to Earth by _____.
4. A fuller balloon is heavier because the air inside has _____.

Activity 3

Combine the short sentences below into one smooth sentence.

1.
 - Air is invisible.
 - It still takes up space.
 - It also has weight.

Combined sentence:

.....

2.
 - The atmosphere surrounds Earth.
 - It is held close by gravity.
 - Without it, air would drift away into space.

Combined sentence:

.....