

What is Matter?



**Let's
learn
about
matter!**



Hello there!

We're going to explore the wonderful world of matter.

**Can you
guess what
matter is?**



Is this book an example of matter?

Place your
answer here:

Yes

No



Why? Add a star. ★

It is interesting.

It takes up space.

EXPLAIN HERE: |

Is this book an example of matter?

Place your
answer here:

Yes

No



Why? Add a star.

It is interesting.

It takes up space. ★

EXPLAIN HERE:

The book is matter because it occupies and fills up space on the table.

**Matter is anything
that takes up space.**

So when
you can...

See it!

Touch it!

Feel it!



It is matter!

Let's look at other examples.

What is this? Trace the word.



Pencil

Why is it an example of matter?

Place your answer here:

It is light.

It is useful.

EXPLAIN HERE:

What is this? Trace the word.



Pencil

Why is it an example of matter?

Place your answer here:

It is light.

It is useful.

EXPLAIN HERE:

The pencil is light when I lift it and therefore has mass.

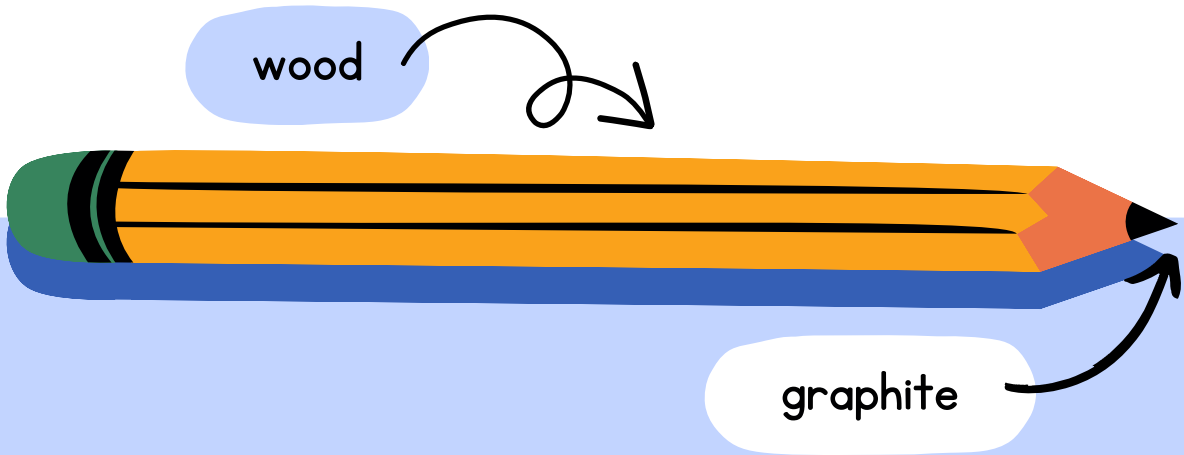
Anything that is light
or heavy has mass.



Matter is anything that takes
up **space** *and* **has mass**.

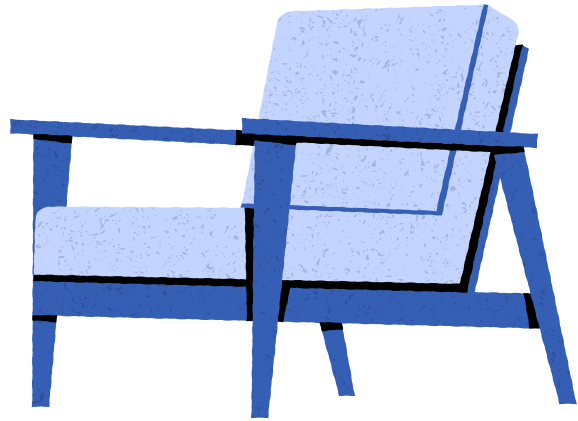
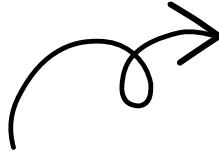
What is your pencil made of?

This pencil is made of wood,
which gives it its shape.



Its graphite tip leaves a mark on a
surface when you push a pencil.

**Matter has different
structures and properties.**



What is this?

Place your answer here:



a table

a chair

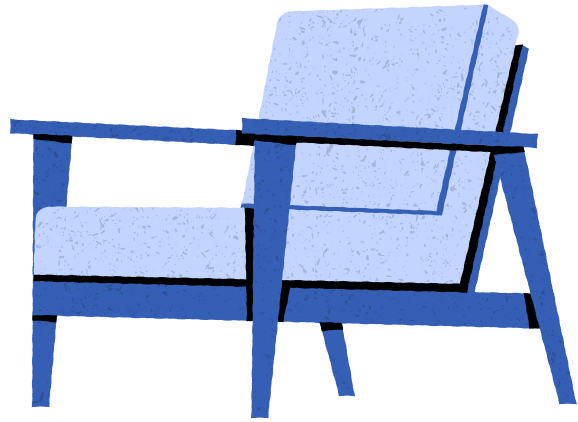
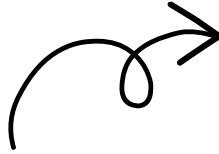
It is an example of
matter because it...

Add all your answers here.

has mass

takes up space

is soft



What is this?

Place your answer here:

a chair

a table

It is an example of
matter because it...

Add all your answers here.

takes up space

has mass

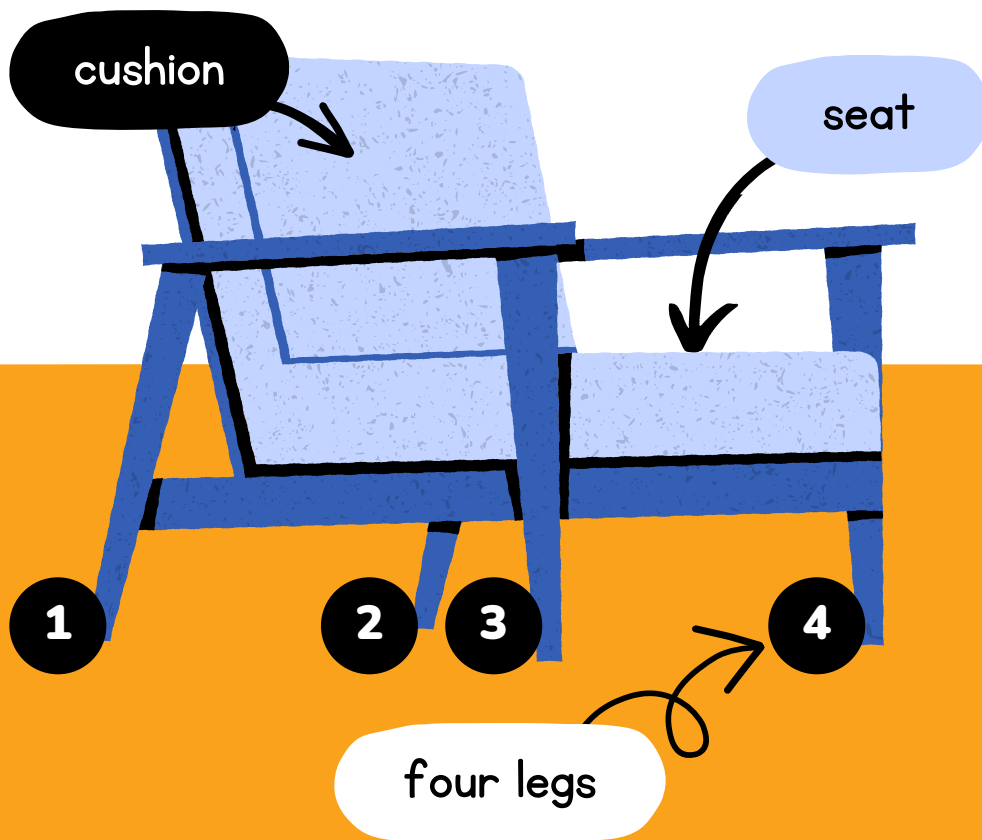
is soft

A chair is matter because it occupies space and has mass.
It is also soft to touch.



Let's think about its structure.

Just like a pencil, a chair has its unique structure and properties.



An illustration of a woman with long black hair, smiling, wearing a light blue button-down shirt. She is holding a red apple with a green leaf and a small orange cluster of grapes. The background is a solid blue color. There are two speech bubbles: one at the top left and one at the bottom center.

**This apple
is my snack
for today.**

How will you describe it?

Here are some words to describe an apple.



round


sweet

shiny

red

crunchy

An apple is matter because we can observe it with our senses.



What other
examples of matter
can you find at
home or outside?

REMEMBER:

Matter occupies space and has mass.
It has properties we can observe
with our senses.

