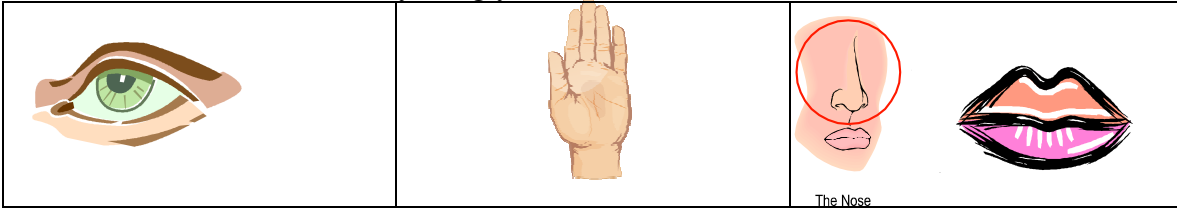


**What is matter?** Matter is any thing you can



Matter has **MASS** and **TAKES UP SPACE**.

**Examples of matter**

Air	Water	Rocks	Car	Couch
Oxygen	Peanut Butter	Blocks	House	Fish
Helium	Milk	Baseball	Cup	Wood

**Examples that are not matter**

Music	Your voice	Wind
Heat	Light	Sound

**What is a property?** A property describes matter. Properties explain what matter looks like, smells like, how it feels, and if it is flexible or rigid.

Property	Antonyms – words that mean the opposite
transparent (see through)	Opaque (cannot see through)
Soft	Hard
Strong	Weak
Smooth	Rough
flexible (bendy)	rigid (stiff)

**What is a physical property?** A physical property is a description using our senses. Examples: How long something is. How it feels, smells, and tastes.

**What is a chemical property?** A chemical property describes how matter can change into another kind of matter. Example: Before you place a piece of wood in the fire, it is a piece of wood. After it burns, it becomes ashes.

**What is mass?** Mass is the amount of matter that something contains. Example: A bowling ball has more mass than a beach ball. They are the same size, but if we cut them both open, the bowling ball contains more matter (it is solid).

**What tool can we use to measure mass?** A balance is used to measure the mass, in grams, of different objects.

How can we categorize objects?

Size	Color	How it is used.	Texture (how they feel)	Smell
Length- How long.	Shape	Temperature	State of matter- Liquid, Gas, or Solid	Mass

Name the three states of matter

Liquid	Solid	Gas
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Bonus:

What is the fourth state of matter?

Can you give me some examples of the fourth state of matter?