WHAT IS MATTER?

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MATTER VS NOT MATTER

• Which of the following are matter? Which are

not?	Matter	Not Matter	cat
COOKIE	DBP	sound	
	AIR	light	baseball
TREE	house	MELODY	L L L L L L L L L L L L L L L L L L L
	cat	heat	The second
light	COOKIE	(FOUE	MELODY
	baseball	LUSTER	

house

• How are the items in the Matter column different from the items in the Not Matter column?

PROPERTIES OF MATTER

- Matter is anything that has mass and takes up space (but matter also has other properties).
- Matter's other properties:

 Inertia the tendency of matter to maintain its state of motion.
 - Composition matter is composed of elements, compounds, and mixtures.



SOME DEFINITIONS

- Element = simple substance that cannot be broken down by chemical means
- Compound = substance composed of two or more elements chemically combined
- Mixture = two or more substances, mingled, but NOT chemically combined
- Solution = homogeneous mixture

 Homogeneous uniform composition
- Mechanical mixture = heterogeneous mixture
 Heterogeneous lacking uniform composition

