

MATTER

① Write the words for the definitions.

- A. _____ : the space that matter occupies.
B. _____ : the ability of substances to conduct or transfer heat.
C. _____ : the amount of matter in an object.
D. _____ : the scratch-resistance of a solid.
E. _____ : the amount of matter in a volume. It also explains why some objects float or sink.
F. _____ : the ability of a substance to dissolve in other substance and form a solution.

② Write down three examples of each type of matter that you can eat or drink.

Homogeneous Mixture	Heterogeneous Mixture

③ Answer the questions about the methods of separating mixtures.

a) What happens if you pour a mixture of sand and water through a filter?

b) What happens if you heat a mixture of salt and water?

c) What happens if you pass a magnet over a mixture of stones and iron filings?

④ Decide if the changes of matter below are PHYSICAL (P) or CHEMICAL (C).

a) Melting ☐

b) Combustion ☐

c) Freezing ☐

d) Oxidation ☐

e) Fermentation ☐

f) Condensation ☐

⑤ Look at the pictures about changes of matter. Complete the table below writing YES or NO.



Photo	Physical change	Chemical Change	Reversible	Irreversible
a				
b				
c				
d				
e				
f				

⑥ Indicate which picture on activity 5 shows the following change:

a) Oxidation ☐

b) Combustion ☐