

SCIENCE – UNIT 3 – WORKSHEET 1

ACHIEVEMENT		COMMENT	
☐ Excellent	☐ Fair	Knowledge	
☐ Very good	☐ Need improvement	Skills	
☐ Good		Attitude	

UNIT 3 – Mixing and Separating Solids



REMEMBER

Words to Learn

Mixture	React
Separate	Sieve
Sort	

- A mixture is made up of two or more different substances mixed together.
- The substances in a mixture do not react with one another.
- Some solids can be mixed and separated again by magnetism, picking and sorting, sieving, and winnowing.

1. Directions: Identify the tools needed in each method of separating solid mixtures.

Winnowing Basket	Sieve	Magnet	Tong
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Picking and Sorting	Magnetism	Sieving	Winnowing

II. Match the methods to their descriptions.

A		B	
Magnetism	•	•	Used to separate objects that can easily be seen by the eyes
Sieving	•	•	Used to separate objects of different sizes
Picking and Sorting	•	•	Used to separate heavier and lighter objects by blowing wind
Winnowing	•	•	Used to separate magnetic and non- magnetic objects

III. Identify the best method used to separate the following mixtures.

A. Magnetism	B. Picking and Sorting	C. Sieving	D. Winnowing
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Sand with Pebbles				Staple wires and Paper Clips			
A	B	C	D	A	B	C	D
Rice chaff and grains				Red, Green and Yellow Candies			
A	B	C	D	A	B	C	D

Flour and Beans				Nails and Wood Chip			
A	B	C	D	A	B	C	D
Mixed Vegetables				Metal and Wood Scraps			
A	B	C	D	A	B	C	D