Bannai School

Name: ..... Date: ..... Class: .....

SCIENCE – UNIT 3 – WORKSHEET 1

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

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

Winnowing Basket	**Sieve**	**Magnet**	**Tong**

Picking and Sorting	Magnetism	Sieving	Winnowing

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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

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**

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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**

LIVEWORKSHEETS