

## WATERLOOF PRIMARY SCHOOL

Natural Science &amp; Technology Grade 6 Term 2 2020

**Separating techniques – vocabulary p66-67**

<b>Technique</b>	<b>Definition</b>	<b>Example</b>
<b>Sieving</b>	Using a grid of known size larger particles are retained in grid, smaller particles fall through the holes	Separates sand from gravel
<b>Settling</b>	A mixture of liquid and solids are left to stand a while, heavy particles sink	Sand and water Can only be used when solid does not dissolve
<b>Decanting</b>	Pouring off the liquid phase and leaving solid matter in container	Sand and water Can only be used when solid does not dissolve
<b>Filtering</b>	Separating fine solids from liquids using filter paper which has known grid size– liquids pass through, solids remain on filter	Separating chalk powder or flour from water. Can only be used when solid does not dissolve
<b>Hand sorting</b>	Using physical method (like hands) for separating mixtures of solids, for grouping like items	Separating raisins from peanuts / grouping Licorice all sorts