

# MARINA INTERNATIONAL JUNIOR SCHOOL

## SCHEME OF WORK - Term 1 year 6 science topics

<b>Framework reference</b>	<b>Learning objectives</b>	<b>Topics</b>
6CC1	Can distinguish between reversible and irreversible changes.	<ul style="list-style-type: none"><li>❖ Reversible and irreversible changes.</li></ul>
6CC2	Explore how solids can be mixed and how it is often possible to separate them again.	<ul style="list-style-type: none"><li>❖ Mixing and separating solids.</li><li>❖ Soluble and insoluble substances.</li><li>❖ Separating insoluble substances.</li><li>❖ Solution.</li></ul>
6CC3	Observe, describe record and begin to explain changes that occur when some solids are added to water.	<ul style="list-style-type: none"><li>❖ Preparing solutions and classifying substance as soluble or insoluble.</li><li>❖ How can we make solids dissolve faster?</li><li>❖ How does grain size affect dissolving</li></ul>
6CC4	Explore how when solids do not dissolve or react with the water they can be separated by filtering, which is similar to sieving.	<ul style="list-style-type: none"><li>❖ Separate water from a mixture e.g. Sand and water. (Filtration).</li></ul>
6CC5	Explore how some solids dissolve ion water to form solutions.	<ul style="list-style-type: none"><li>❖ Pure substances and mixtures.</li><li>❖ How can we make solids dissolve more quickly?</li></ul>
6Bh2	Can identify the position of major organs in the body.	<ul style="list-style-type: none"><li>❖ Body organs.</li><li>❖ The heart.</li><li>❖ Heart beat and pulse.</li><li>❖ The lungs and breathing.</li></ul>
6Bh3	Can describe the main functions of the major organs of the body.	<ul style="list-style-type: none"><li>❖ Functions of the body organs.</li><li>❖ The heart.</li><li>❖ The lungs.</li><li>❖ The digestive system.</li></ul>
6Bh4	Can explain how the functions of the major organs are essential.	<ul style="list-style-type: none"><li>❖ What do the kidneys do?</li><li>❖ What does the brain do?</li></ul>