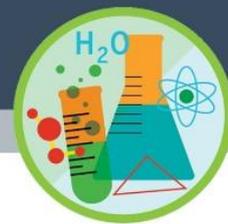




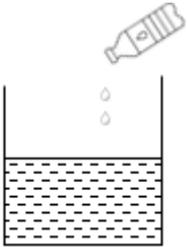
Grade 8

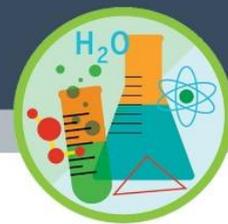


SCIENCE



Activity I: Conduct the activities A, B & C as mentioned below. (A – magic balls in water, B – ink in water, lighted joss stick)

<p>Magic balls</p>  <p>Water</p>	<p>Blue ink</p>  <p>Water</p>	<p>Lighted joss stick</p> 
<p>Observations:</p> <p>.....</p>	<p>Observations:</p> <p>.....</p>	<p>Observations:</p> <p>.....</p>
<p>Conclusions:</p> <p>.....</p>	<p>Conclusions:</p> <p>.....</p>	<p>Conclusions:</p> <p>.....</p>
<p>Shape</p>	<p>Shape</p>	<p>Shape</p>
<p>Volume:</p>	<p>Volume:</p>	<p>Volume:</p>
<p>Compressibility:</p> <p>.....</p>	<p>Compressibility:</p> <p>.....</p>	<p>Compressibility:</p> <p>.....</p>
<p>Density:</p>	<p>Density:</p>	<p>Density:</p>
<p>Examples</p> <p>1.</p> <p>2.</p>	<p>Examples</p> <p>1.</p> <p>2.</p>	<p>Examples</p> <p>1.</p> <p>2.</p>

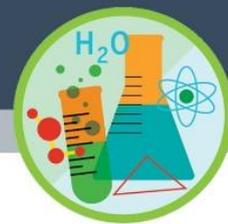


Activity II: Complete the following table by using the things that can find at home.

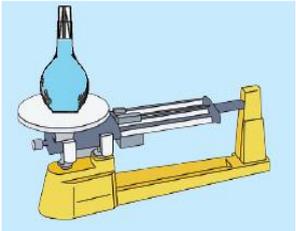
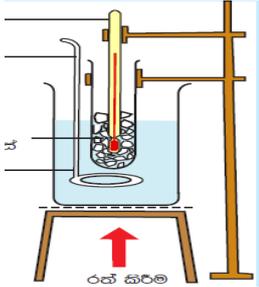
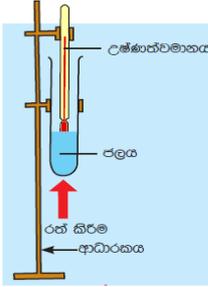
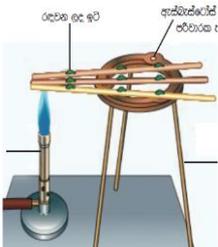
Materials	Consist of one constituent	Consist of more than one constituent
Drinking water	x	✓
A piece of iron		
Salt solution		
Curry powder bottle		
Copper coin		
Aluminium spoon		

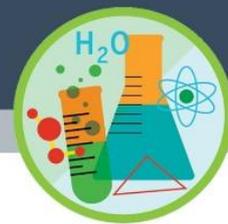
Categorize the above materials as pure and impure substances.

Pure Substances	Impure Substances



Activity III: Following are some setups constructed by students to investigate the physical properties of matter. Complete the table given below.

Setups 				
The physical property that investigates				
Description (Opinions)				



(B). Following are a few materials that could be found at home. Mark physical properties relevant to them in the cages.

	Materials found at home	Thermal conductivity	Electrical conductivity	Lustre	Brittleness	Malleability	Sonority
1	Knife						
2	A piece of copper						
3	Aluminium vessels that are used to cook						
4	Candle						
5	Graphite rod of the pencil						
6	A piece of wood						

