

Name: _____

Homeroom Teacher: _____

MATTER UNIT ASSESSMENT REVIEW

1. List at least 10 physical properties of matter.	1. 2. 3. 4. 5. 6. 7. 8. 9. 10.
2. Give five examples of how matter can change physically.	1. 2. 3. 4. 5.
3. Give five examples of how matter can change chemically.	1. 2. 3. 4. 5.
4. Define what a mixture is and give <u>3+ examples.</u>	Definition: Ex: 1. 2. 3.
5. Describe ways to separate these mixtures:	Wood & rice: Water & sand: Water & salt: Iron fillings & salt:

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<p>6. Describe what a solution is while including examples.</p> <p>7. Why is a solution also considered a special kind of mixture?</p>	
<p>8. Explain solubility.</p>	
<p>9. Do all properties change when one substance dissolves into another? Explain.</p>	
<p>10. Give 2+ examples of substances that would dissolve in water & how you would separate them.</p> <p>11. When you are dissolving water from sugar or salt, why doesn't the mass of the substances change?</p>	

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<p>12. How is the mass and volume of an object related to whether it will sink or float in water?</p> <p>Provide an example utilizing <i>numbers</i>.</p>	
<p>13. List the tools we used during the density blocks experiment and how they were used.</p>	
<p>14. Describe a solid & draw an example of what their particles look like.</p>	
<p>15. Describe a liquid & draw an example of what their particles look like.</p>	
<p>16. Describe a gas & draw an example of what their particles look like.</p>	
<p>17. Define volume & give an example.</p> <p>18. List the tools we use for volume.</p>	

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19. Define buoyancy & give an example	
20. Define mass & give an example 21. List the tools we use for mass.	
22. Define weight & give an example 23. List a tool we use for weight.	
24. Define density & give an example	
25. Explain the process of evaporation .	
26. Draw the solid, liquid, gas cycle . Be sure to include where heat increases or decreases in your cycle and the temperatures of freezing, melting, and boiling points.	