

# VOCAB: MINERALS

NAME \_\_\_\_\_ HR \_\_\_\_\_

<u>1</u>	<b><u>Mineral</u></b> - a naturally occurring, inorganic solid with definite crystalline structure	
<u>2</u>	<b><u>Crystal</u></b> - a solid whose atoms, ions, or molecules are arranged in a geometric pattern	
<u>3</u>	<b><u>Gem</u></b> - highly prized mineral because it is rare, durable and beautiful	
4	<b><u>Luster</u></b> - the way a mineral reflects light	
<u>5</u>	<b><u>Metallic luster</u></b> - shiny like a metal	
<u>6</u>	<b><u>Non-metallic luster</u></b> - having a dull, transparent, translucent, or opaque luster	
<u>7</u>	<b><u>Transparent luster</u></b> - see through	
<u>8</u>	<b><u>Translucent luster</u></b> - somewhat see through	

<u>9</u>	<b><u>Opaque luster</u></b> - not see through at all	
<u>10</u>	<b><u>Dull luster</u></b> - having an earthy, rock like luster (boring)	
<u>11</u>	<b><u>Color</u></b> - identification test that is not reliable	
<u>12</u>	<b><u>Streak</u></b> - color of the mineral powdered	
<u>13</u>	<b><u>Hardness</u></b> - resistance to being scratched (not “smashability”)	
<u>14</u>	<b><u>Moh’s scale</u></b> - scale that ranks minerals according to their hardness	
<u>15</u>	<b><u>Cleavage</u></b> - the ability to break in flat planes (“flatnesses”)	
<u>16</u>	<b><u>Fracture</u></b> - to break in a jagged, random way	
<u>17</u>	<b><u>Density</u></b> - how tightly packed a mineral is	

<u>18</u>	<b><u>Effervescence</u></b> - “fizz test,” when a mineral reacts with acid	
<u>19</u>	<b><u>Magnetism</u></b> - the ability to attract iron, nickel, or cobalt	
<u>20</u>	<b><u>Taste</u></b> (test)	
<u>21</u>	<b><u>Smell</u></b> (test)	
<u>22</u>	<b><u>Magma</u></b> - melted minerals inside the earth	
<u>23</u>	<b><u>Lava</u></b> -melted minerals on the surface of the earth	
<u>24</u>	<b><u>Reclamation</u></b> - restoring land to its original state after mining	
<u>25</u>	<b><u>Strip mining</u></b> - removing minerals from the surface of earth	
<u>26</u>	<b><u>Subsurface mines</u></b> - mines deep underground	

<u>27</u>	<b><u>Element</u></b> - a large collection of the same type of atom	
<u>28</u>	<b><u>Ore</u></b> - a mixture of minerals where only one type is desired. The rest is removed	
<u>29</u>	<b><u>Fluorescence</u></b> - ‘glow in the dark” property of some minerals	
<u>30</u>	<b><u>Geodes</u></b> - hollow rocks that allow crystal formations but do NOT completely fill in	
<u>31</u>	<b><u>Agates</u></b> - hollow rocks that allow crystal formations but DO completely fill in	
<u>32</u>	<b><u>StalaCtites</u></b> - cave mineral formation from the <u>C</u> eiling caused by dripping water	
<u>33</u>	<b><u>StalaGmites</u></b> - cave mineral formation on the <u>G</u> round caused by dripping water	