

VOCAB: ENERGY AND RESOURCES

NAME _____ HR _____

1	<u>energy transformations</u> - energy can change into many forms	
2	<u>potential energy</u> - stored energy	
3	<u>chemical energy</u> - found in the bonds of molecules	
4	<u>Elastic energy</u> - stored in objects by application of force	
5	<u>nuclear energy</u> - energy made from the splitting or fusing of atoms	
6	<u>Gravitational potential</u> - energy of position or place; the higher, the greater the energy	
7	<u>kinetic energy</u> - energy of movement	
8	<u>electrical energy</u> - electrons moving in wires	

<u>2</u>	<u>radiant energy</u> - light energy caused by moving photons	
<u>10</u>	<u>thermal energy</u> -heat energy caused by moving molecules	
<u>11</u>	<u>motion/ mechanical energy</u> - energy of movement	
<u>12</u>	<u>Sound energy</u> – energy moving through compressional waves	
<u>13</u>	<u>natural resource</u> - a naturally occurring substance found on earth + used by humans	
<u>14</u>	<u>fossil fuel</u> - ancient plants and animals that have been transformed by the earth into burnable solids, liquids, and gases	
<u>15</u>	<u>petroleum/oil</u> - liquid fossil fuel	
<u>16</u>	<u>coal</u> - solid fossil fuel	
<u>17</u>	<u>natural gas</u> - gaseous fossil fuel	

<u>18</u>	<u>Non-renewable</u> - unable to be made again during a human lifetime	
<u>19</u>	<u>Nuclear power</u> - splitting atoms to make electricity	
<u>20</u>	<u>fission</u> - the splitting of atoms	
<u>21</u>	<u>uranium</u> - large molecule that undergoes fission in a nuclear power plant	
<u>22</u>	<u>renewable</u> - able to be made again within a human lifetime	
<u>23</u>	<u>biomass</u> - power made from recently living organisms	
<u>24</u>	<u>hydroelectric</u> - power made from falling water	
<u>25</u>	<u>wind</u> - power made from moving air	
<u>26</u>	<u>solar</u> - power made from the light of the sun	

<u>27</u>	<u>photovoltaic solar cell</u> - makes electricity from sunlight; solar panel	
<u>28</u>	<u>geothermal</u> - power made from the heat of the earth	
<u>29</u>	<u>generator</u> - device that makes electricity	
<u>30</u>	<u>turbine generator</u> - device that makes electricity due to spinning blades	
<u>31</u>	<u>consumption</u> - the using of a natural resource	
<u>32</u>	<u>conservation</u> - purposely saving energy or resources	