

7th Grade Fusion Science

Year Long Vocabulary List

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| <p>List # 1 Unit 1 Lesson 1-3</p> <ol style="list-style-type: none"> 1. Empirical Evidence 2. Theory 3. Law 4. Experiment 5. Observation 6. Hypothesis 7. Independent Variable 8. Dependent Variable 9. Data 10. Model | <p>List # 2 Unit 5 Lesson 1-2</p> <ol style="list-style-type: none"> 1. Wave 2. Medium 3. Longitudinal Wave 4. Transverse Wave 5. Mechanical Wave 6. Electromagnetic Wave 7. Amplitude 8. Wavelength 9. Wave Period 10. Frequency 11. Hertz 12. Wavefront 13. Wave Speed | <p>List 3 Unit 5 Lesson 3-4</p> <ol style="list-style-type: none"> 1. Radiation 2. Electromagnetic Spectrum 3. Infrared Ultraviolet 4. Transparent 5. Translucent 6. Opaque 7. Absorption 8. Reflection 9. Refraction 10. Scattering |
| <p>List 4 Unit 6 Lesson 1-2</p> <ol style="list-style-type: none"> 1. Energy Transformation 2. Law of Conservation of Energy 3. Efficiency 4. Kinetic Theory of Matter 5. Temperature 6. Degree 7. Thermometer | <p>Page 326-327</p> <ol style="list-style-type: none"> 1. Mechanical Energy 2. Sound Energy 3. Electromagnetic Energy 4. Chemical Energy 5. Thermal Energy and Heat 6. Nuclear Energy | <p>List # 5 Unit 6 Lesson 3</p> <ol style="list-style-type: none"> 1. Thermal Energy 2. Heat 3. Calorie 4. Conduction 5. Conductor 6. Insulator 7. Convection 8. Radiation |
| <p>List # 6 Unit 10 Lesson 1</p> <ol style="list-style-type: none"> 1. Ecology 2. Biotic Factor 3. Abiotic Factor 4. Population 5. Species 6. Community 7. Ecosystem 8. Habitat 9. Niche | <p>List # 7 Unit 10 Lesson 2</p> <ol style="list-style-type: none"> 1. Producer 2. Decomposer 3. Consumer 4. Herbivore 5. Carnivore 6. Omnivore 7. Food Chain 8. Food Web | <p>List # 8 Unit 10 Lesson 3-4</p> <ol style="list-style-type: none"> 1. Predator 2. Prey 3. Symbiosis 4. Mutualism 5. Commensalism 6. Parasitism 7. Competition 8. Limiting Factor 9. Native Species 10. Introduced Species 11. Wetland 12. Coral Reef 13. Estuary |

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| <p>List # 9 Unit 4 Lesson 1-2</p> <ol style="list-style-type: none"> 1. Natural Resource 2. Renewable Resource 3. Nonrenewable Resource 4. Fossil Fuel 5. Material Resource 6. Energy Resource 7. Urbanization 8. Land Degradation 9. Deforestation 10. Desertification | <p>List # 10 Unit 4 Lesson 3</p> <ol style="list-style-type: none"> 1. Water pollution 2. Point 3. Nonpoint-source pollution 4. Thermal pollution 5. Eutrophication 6. Portable 7. Reservoir 8. PH 9. Turbidity 10. Microbial load | <p>List #11 Unit 4 Lesson 4-5</p> <ol style="list-style-type: none"> 1.Greenhouse effect 2. Air pollution 3. Particulate 4. Smog 5. Acid precipitation 6. Air quality 7. Conservation 8. Stewardship |
| <p>List #12 Unit 2 Lesson 1</p> <ol style="list-style-type: none"> 1. Mineral 2. Element 3. Atom 4. Compound 5. Matter 6. Crystal 7. Streak 8. Luster 9. Cleavage | <p>List #13 Unit 2 Lesson 2</p> <ol style="list-style-type: none"> 1. Weathering 2. Erosion 3. Deposition 4. Sedimentary rock 5. Igneous rock 6. Metamorphic rock 7. Rock cycle 8. Uplift 9. Subsidence 10. Rift zone | <p>List #14 Unit 2 Lesson 3</p> <ol style="list-style-type: none"> 1. Crust 2. Mantle 3. Convection 4. Core 5. Lithosphere 6. Asthenosphere 7. Mesosphere |
| <p>List #15 Unit 2 Lesson 4-5</p> <ol style="list-style-type: none"> 1. Pangaea 2. Sea-floor spreading 3. Plate tectonics 4. Tectonic plates 5. Convergent boundary 6. Divergent boundary 7. Transform boundary 8. Convection 9. Deformation 10. Folding 11. Fault 12. Shear stress 13. Tension 14. Compression | <p>List #16 Unit 2 Lesson 6-7</p> <ol style="list-style-type: none"> 1. Earthquake 2. Focus 3. Epicenter 4. Tectonic plate boundary 5. Fault 6. Deformation 7. Elastic rebound 8. Volcano 9. Magma 10. Lava 11. Vent 12. Tectonic plate 13. Hot spot | <p>List #17 Unit 3 Lesson 1-3</p> <ol style="list-style-type: none"> 1. Uniformitarianism 2. Trace Fossil 3. Climate 4. Ice Core 5. Relative Dating 6. Superposition 7. Unconformity 8. Fossil 9. Geologic Column 10. Absolute Dating 11. Radioactive Decay 12. Half-Life 13. Radiometric Dating |

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| <p>List # 18 Unit 8 Lesson 1-3</p> <ol style="list-style-type: none"> 1.DNA 2.Chromosomes 3. Cell Cycle 4.Interphase 5.Mitosis 6.Cytokinesis 7.Homologous Chromosomes 8.Meiosis 9. Asexual Reproduction 10.Sexual Reproduction 11. Fertilization | <p>List # 19 Unit 8 Lesson 4</p> <ol style="list-style-type: none"> 1. Heredity 2. Gene 3. Allele 4. Genotype 5. Phenotype 6.Dominant 7.Recessive 8. Incomplete Dominance 9. Co-dominance | <p>List # 20 Unit 8 Lesson 5</p> <ol style="list-style-type: none"> 1.Punnet Square 2. Probability 3.Ratio 4.Pedigree 5. Metaphase 6. Anaphase 7. Telephase 8. Prophase |
| <p>List #21 Unit 9 Lesson 1</p> <ol style="list-style-type: none"> 1. DNA 2. Mutation 3. Nucleotide 4. RNA 5. Replication 6. Ribosome 7. Biotechnology 8. Artificial selection 9. Genetic engineering 10. Clone | <p>List # 22 Unit 7 Lesson 1-2</p> <ol style="list-style-type: none"> 1. Evolution 2. Artificial Selection 3. Natural Selection 4. Variation 5. Adaption 6 Extinction 7. Fossil 8. Fossil 9. Fossil Record 10. Transitional Fossil | |
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To: Parents and Students

This list of words represents the vocabulary to study for the entire year. Students are expected to keep this list in their Science folders or notebooks for reference. Science vocabulary is very important for students to understand the academic science curriculum. Please take the time to use vocabulary strategies to practice and study the assigned words. Students will be assigned the list by their teacher when the appropriate Unit and Lesson are being taught.

Parent Signature

Student Signature

Para: Padres y Estudiantes

Esta lista de palabras representa el vocabulario a estudiar durante todo el año. Los estudiantes deben mantener esta lista en sus carpetas o cuadernos para la ciencia de referencia. Vocabulario científico es muy importante que los estudiantes entiendan el plan de estudios la ciencia académica. Por favor, tómese el tiempo para utilizar estrategias de vocabulario para practicar y estudiar las palabras asignadas. Los estudiantes serán asignados de la lista por su maestro, cuando la unidad apropiada y se les está enseñando la lección.

Parent Signature

Student Signature