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| §112.16. Science, Grade 5, Beginning with School Year 2010-2011. |
| Topic | **Simulation** | **TEKS (Science, Grade 5)**  |
| Force, motion and energy | Circuit Construction Kit | 5(b)(6)(B) |
| Energy Forms and Changes | 5(b)(6)(A) |
| Matter and energy | Geometric Optics | 5(b)(5)(C) |
| States of Matter: Basics  | 5(b)(5)(A) |

Note: Full TEKS can be found at <http://ritter.tea.state.tx.us/rules/tac/chapter112/>

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| §112.18. Science, Grade 6, Beginning with School Year 2010-2011. |
| Topic | **Simulation** | **TEKS (Science, Grade 6)**  |
| Force, motion and energy | Balancing Act | 6(b)(8)(B) |
| Buoyancy | 6(b)(6)(B) |
| Energy Skate Park: Basics  | 6(b)(2)(D), 6(b)(8)(A), 6(b)(8)(B), 6(b)(8)(D) |
| Forces and Motion: Basics  | 6(b)(8)(B) |
| Lady Bug Motion 2D  | 6(b)(8)(B) |
| Masses and Springs | 6(b)(8)(A), 6(b)(8)(B) |
| Maze Game | 6(b)(8)(B) |
| The Moving Man | 6(b)(8)(D), 6(b)(8)(C) |
| Ramp: Forces and Motion | 6(b)(8)(B) |
| Matter and energy | Build an Atom | 6(b)(5)(A), 6(b)(5)(C) |
| Build a Molecule  | 6(b)(5)(C) |
| Density | 6(b)(6)(C) |
| States of Matter | 6(b)(3)(B), 6(b)(3)(C), 6(b)(5)(C) |
| States of Matter: Basics  | 6(b)(3)(B), 6(b)(3)(C), 6(b)(5)(C) |
| Earth and space  | Gravity and Orbits | 6(b)(11)(A), 6(b)(11)(B) |
| My Solar System | 6(b)(11)(A), 6(b)(11)(B) |
| Plate Tectonics | 6(b)(10)(D) |

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| §112.19. Science, Grade 7, Beginning with School Year 2010-2011. |
| Topic | **Simulation** | **TEKS (Science, Grade 7)**  |
| Force, motion and energy | Ramp: Forces and Motion | 7(b)(7)(A) |
| Organisms and environments | Natural Selection | 7(b)(11)(A), 7(b)(11)(B), 7(b)(11)(C), 7(b)(14)(A) |

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| §112.20. Science, Grade 8, Beginning with School Year 2010-2011. |
| Topic | **Simulation** | **TEKS (Science, Grade 8)**  |
| Force, motion and energy | Balancing Act | 8(b)(6)(A) |
| Forces and Motion: Basics | 8(b)(6)(A), 8(b)(6)(C) |
| Lady Bug Motion 2D | 8(b)(6)(A), 8(b)(6)(C) |
| The Moving Man | 8(b)(6)(B) |
| Projectile Motion | 8(b)(6)(C) |
| Matter and energy | Balancing Chem. Equations | 8(b)(5)(D), 8(b)(5)(F) |
| Build an Atom | 8(b)(5)(A), 8(b)(5)(B), 8(b)(5)(D) |
| Build a Molecule | 8(b)(5)(D) |
| Models of Hydrogen Atom | 8(b)(5)(A) |
| Reactants, Products and Leftovers | 8(b)(5)(E), 8(b)(5)(F) |
| Earth and space  | Gravity and Orbits | 8(b)(7)(A) |
| My Solar System | 8(b)(7)(A) |
| Organisms and environments | Natural Selection | 8(b)(11)(B), 8(b)(11)(C) |