| Lesson Title: | Energy Skate Park PhET Lab | |
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| Standards (TEKS): | 6A, 6B | |
| _ | Predict Energy Pie Charts based on the position of a skater using a computer simulation. | |
| Learning | Explore energy transformations for a skater using energy pie charts as evidence. Determine how the position of the electron effects bis speed, and posteriol and bis extra positions. | |
| Objectives: | Determine how the position of the skater affects his speed, and potential and kinetic energy. Verify predictions using Energy vs. Position line graphs. | |

| AGENDA | KEY POINTS |
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| 1.Energy Transformations | |
| 2. Connecting Speed to PE and | The Law of Conservation of Energy states that energy cannot be created or destroyed. |
| KE | Therefore, energy can only be transformed. |
| 3. Exit Ticket | |

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