# Energy Skate Park Activity

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https://phet.coloredo.edu/en/somulation/energy-skate-park-basics or search for <u>Phet Energy Skate Park Basics</u> on Google.

- Start with the intro. Click the box for a pie graph. When placing the skater at the top of a hill, what kind of energy do they have?
  - a. Kinetic Energy
  - b. Potential Energy
  - c. Thermal Energy
  - a. Electrical Energy
- 2. Once the skater reaches the bottom of the hill, what kind about 100 o the leve?
  - a. Kinetic Energy
  - b. Potential Energy
  - c. Thermal Energy
  - d. Electrical Energy
- 3. One box the up or right that the
  - At the top the famp
  - At the nottom of the ramp.
  - Hulfway between the top and the
- Increase the sketers mass. Does it change hills?
  - a. Yes
  - b. No.
- In real life, the skater would not be able energy of the skater will eventually turn potential)
  - a. Kinetic Energy
  - b. Potential Energy





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