

Enjoying Trampoline with Hook

Mystery of bouncing



Physics of Trampoline



Why are we bouncing?

- **Which forces act here?**
- **Which kinds of energies are in play?**
- **What happens to the energy:**
 - @ max height of the jump
 - @ landing point
 - @ “deepest” point after the landing

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- **Why do smaller kids usually jump higher than adults?**
 - **What could happen if “too heavy” guy jumps?;)**