

Instructions : Observe the video below and respond to the questions that follow.

Resource : “Knuckleball / No-spin Kick Phenomenon”



Video link : <https://www.youtube.com/watch?v=WLgMRyRjVrI>

1. Explain phenomenon

From a physics or scientific perspective, explain the core principle observable in the video. Clearly identify the principle at work and describe logically how it influences the phenomenon shown. Detail the process or mechanism through which the principle operates.

2. Provide real-world examples

Provide two real-world examples where the same principle applies. For each case, briefly and clearly explain how the identified principle functions in that situation and how it connects to the phenomenon observed in the video.

3. Create a new situation

Apply the described principle to an entirely new situation. Propose a new phenomenon or design idea (it may be hypothetical). Explain logically and coherently why the principle would operate in the proposed context and what outcome you would expect.