NYU Physics I - 2016-09-27 Agenda: - Reading: - Newton's Laws -applications of N's Laws. - Kinetic & Potential energy. - Exam 1 Hoults. - "Tki Jungo" problem 19 03>0 03>0 03>0 $-Q_{S}$. NEW YEAR

hickoles Show 00 Esmsch + b

In physics land — ignore air — ignore micha

"Conserved" # "invariant" Vx is an invariant a

the parabolis trajectory. Conserved: energy, marchan, charge. the Gundy trislater Sheller agelen narcha ("Time & - motter arhabter esquarta "
- lepton mah. (Maraha)

KE, = 0
PE, = 0
KE, = \frac{1}{2}
PE, = -mgH

/

esp.