Review Poster: Physics

Create a poster for one of the scenarios below. The poster must include the sections outlined below.

|  |  |
| --- | --- |
| Scenarios: A 250 kg hot air balloon rises with an acceleration of 0.23 m/s/s for 18 seconds. The balloon’s volume is 243 cubic meters. After 18 seconds, the forces on the balloon are balanced for the next 20 seconds.  A 74 kg receiver catches a punt. He begins from rest and catches the 0.43 kg football that is travelling at 25 m/s when he catches it. The volume of the football is 1850 cm3. He accelerates at 9.4 m/s for 3 seconds before reaching his top speed. He continues at his top speed for 2 seconds before he is tackled with a net force of 31 Newtons.Other: You may come up with a scenario BUT it MUST be pre-approved.  | Sections: \* Momentum: p = mv \* Density: d = m/V \* Forces: FNET = ma \* xt, vt and xt graphs \* Motion Diagram with quantitative information Concept descriptions: In each of the sections listed above, a short (3 to 6 sentences) narrative must be included that includes the definition of the concept and explains the concept in the context of the scenario.  |

Sample Layouts:



