

# CENTER OF MASS (CM)

The average position of all the pieces of mass in an object

1. Objects balance at their CM.
2. When freely spun, objects rotate around their CM.
3. When hung from any point, an object's CM will be below the point it's hung from.
4. An object will topple if its CM is not over its base.
5. It's the CM that obeys all the Laws of Physics we've been learning about this year.

