

Study Guide for Learning Target LT M.1: I can describe matter as anything that has mass and volume.

Basic (Level 7)

Know the definitions:

- matter-
- mass-
- volume-

Determine whether things in a list are matter. Example: air, water, anger, stars, gravity, dust (anger & gravity are not matter).

Proficiency/Advanced (Levels 9 & 10)

If given an unknown substance, explain how to prove it is made of matter:

Example: One can measure the volume of the substance mass with a triple-beam balance scale and its volume with a graduated cylinder or measuring its length x width x height ($v=lwh$).