

# The Standard Model

Physics

The full inventory of fundamental particles.

*The fundamental particles.*

| Group               | Members                               |
|---------------------|---------------------------------------|
| <b>Quarks</b>       | up, down, charm, strange, top, bottom |
| <b>Leptons</b>      | electron, muon, tau and 3 neutrinos   |
| <b>Gauge bosons</b> | photon, gluon, W, Z                   |
| <b>Scalar</b>       | Higgs boson                           |

Gravity is not in the Standard Model. That gap is the central unsolved problem in fundamental physics.