

Source: [KBhPHYS201QuantumWorldBookNotesIndex](#)

## 1 | Meet the Leptons

- There are three families of subatomic particles
  - Flavor 1: the electron and it's neutrino
  - Flavor 2: the Muon and it's neutrino
  - Flavor 3: the the tau lepton and it's neutrino
- Leptons carry one-half unit of spin and are either neutral or have 1 negative charge
- For every lepton there's an anti-lepton with an opposite unit of charge