

Fermions			Bosons	
Quarks	2.3 MeV $+\frac{2}{3}$ $\frac{1}{2}$ <i>u</i> up	1.28 GeV $+\frac{2}{3}$ $\frac{1}{2}$ <i>c</i> charm	173 GeV $+\frac{2}{3}$ $\frac{1}{2}$ <i>t</i> top	0 0 1 <i>g</i> gluon
	4.8 MeV $-\frac{1}{3}$ $\frac{1}{2}$ <i>d</i> down	95 MeV $-\frac{1}{3}$ $\frac{1}{2}$ <i>s</i> strange	4.18 GeV $-\frac{1}{3}$ $\frac{1}{2}$ <i>b</i> bottom	0 0 1 γ photon
Leptons	0.511 MeV -1 $\frac{1}{2}$ <i>e</i> electron	105.7 MeV -1 $\frac{1}{2}$ μ muon	1.78 GeV -1 $\frac{1}{2}$ τ tau	80.4 GeV ± 1 1 <i>W</i> W boson
	< 2 eV 0 $\frac{1}{2}$ ν_e electron neutrino	< 0.19 MeV 0 $\frac{1}{2}$ ν_μ muon neutrino	< 18.2 MeV 0 $\frac{1}{2}$ ν_τ tau neutrino	91.2 GeV 0 1 <i>Z</i> Z boson
				? 0 0 <i>H</i> Higgs boson
				← mass ← electric charge ← spin