






BOSONS

force carriers
spin = 0, 1, 2, ...

Unified Electroweak spin = 1

Name	Mass GeV/c ²	Electric charge
 photon	0	0
 W bosons	80.39	-1
 W bosons	80.39	+1
 Z boson	91.188	0

Strong (color) spin = 1

Name	Mass GeV/c ²	Electric charge
 gluon	0	0