## Standard Model of Elementary Particles

## three generations of matter (fermions)

interactions / force carriers (bosons)

mass ≈2.2 MeV/c² charge 3/3 1/2 U

≈1.28 GeV/c²

2/3
1/2

C

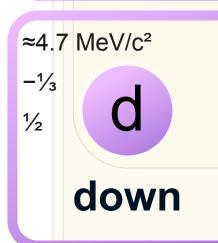
charm

≈173.1 GeV/c²
<sup>2</sup>/<sub>3</sub>
½

top

0 0 1 **G** gluon ≈125.11 GeV/c²
0
H
higgs

QUARKS



up



