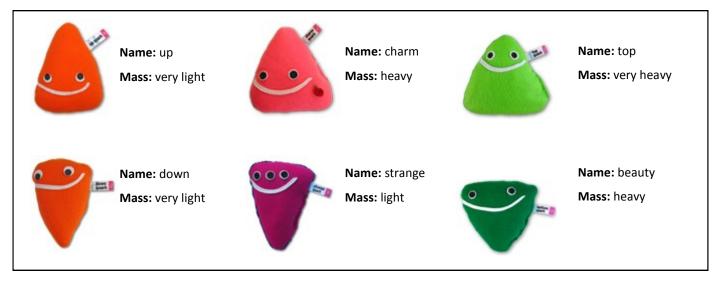




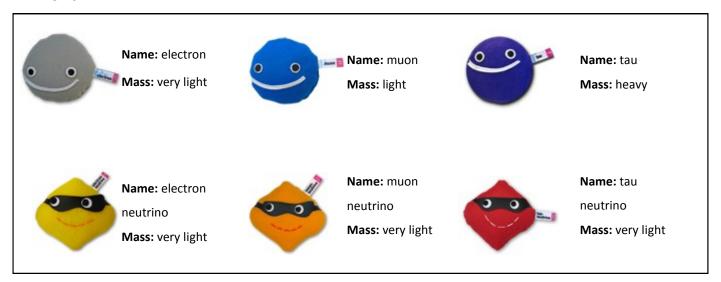


THE WORLD OF PARTICLES WITH MASS

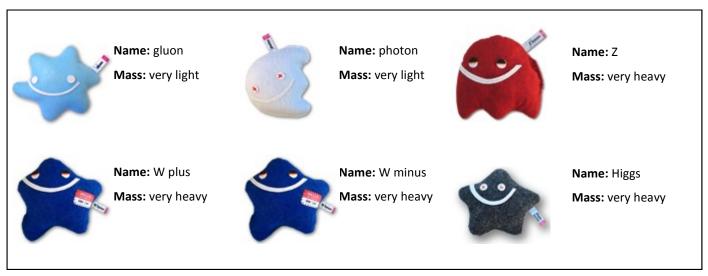
QUARKS



LEPTONS



BOSONS









THE WORLD OF ANTI-PARTICLES WITH MASS

ANTI-QUARKS



Name: anti-up

Mass: very light



Name: anti-charm
Mass: heavy



Name: anti-top

Mass: very heavy



Name: anti-down

Mass: very light



Name: antistrange Mass: light



Name: anti-beauty

Mass: heavy

ANTI-LEPTONS



Name: anti-electron





Name: anti-muon

Mass: light



Name: anti-tau

Mass: heavy



Name: electron anti-neutrino

Mass: very light



Name: muon anti-neutrino





Name: tau

anti-neutrino

Mass: very light

HOW TO ADD MASS TO THE PARTICLES

VERY LIGHT: do not add any plasticine in the ball

LIGHT: add 5 g of plasticine in the ball

HEAVY: half fill the ball with plasticine

VERY HEAVY: fill the entire ball with plasticine

