

PARTICLE ZOO CARDS (SPIN 3/2) – print and cut (keep the Ω^- - and Nobel Prize cards until needed during the activity)

<p>spin 3/2 $Q = -1$ $S = 0$ mass: 1232 MeV discovered: 1954</p>	<p>spin 3/2 $Q = 0$ $S = 0$ mass: 1231 MeV discovered: 1954</p>	<p>spin 3/2 $Q = +1$ $S = 0$ mass: 1235 MeV discovered: 1954</p>
<p>spin 3/2 $Q = +2$ $S = 0$ mass: 1231 MeV discovered: 1954</p>	<p>spin 3/2 $Q = -1$ $S = -1$ mass: 1387 MeV discovered: 1960</p>	<p>spin 3/2 $Q = 0$ $S = -1$ mass: 1384 MeV discovered: 1960</p>
<p>spin 3/2 $Q = +1$ $S = -1$ mass: 1383 MeV discovered: 1960</p>	<p>spin 3/2 $Q = -1$ $S = -2$ mass: 1535 MeV discovered: 1962</p>	<p>spin 3/2 $Q = 0$ $S = -2$ mass: 1532 MeV discovered: 1962</p>
	<p>Ω^- Omega Minus spin 3/2 $Q = -1$ $S = -3$ mass: 1672 MeV discovered: 1964</p>	 <p>Nobel Prize Murray Gell-Mann</p>