Quick Reference: ISO, Aperture & Shutter Speed

ISO Rating

With each step, sensitivity is doubled or halved

More grain <<<<<<< >>>>>>> Less grain

100

200

400

1600

3200

Needs less light <<<< >>>> Needs more light

Shutter Speed (1/indicated number)

Slow ... *Fast*

B	15	30	60	125	250	500	1000	2000
		Needs a tripod	Blurs motion		Stops motion			

Aperture/F-Stop (1/number... of lens size)

Wide ... *Small*

4	5.6	8	11	16	22
Least depth of field (part of photo out of focus)					Most depth of field (entire photo in focus)

Equivalent Exposure: A change in either shutter or aperture causes the other to change. If you change one up, the other goes down.