



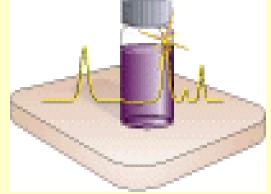


Science Research in ////Cear News

Career Day at
Oakland Terrace Elementary School
26 May 2000

R. Collé

Research Chemist
Physics Laboratory
National Institute of Standards
and Technology



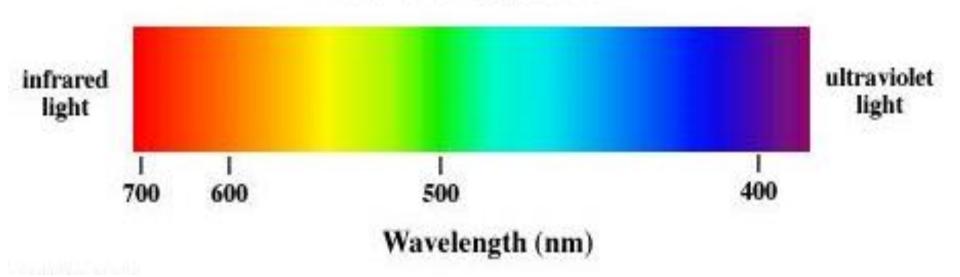
nuclear medicine primer

with many new words

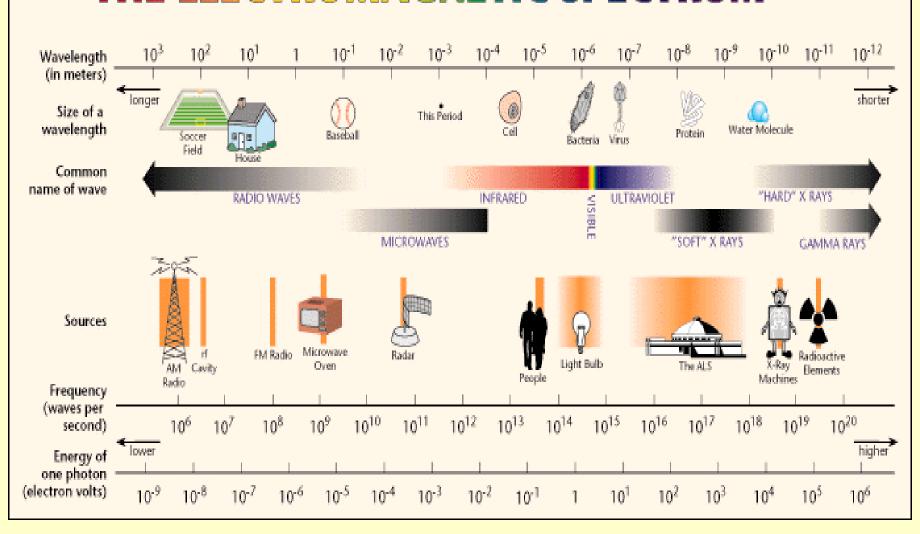
- light & radiations from the EM spectrum
- molecules, atoms & the nucleus
- diagnostic & therapeutic uses
- external & internal radiation sources
- x ray radiographs and angiographs
- radiopharmaceuticals
- computed tomography
- science research careers

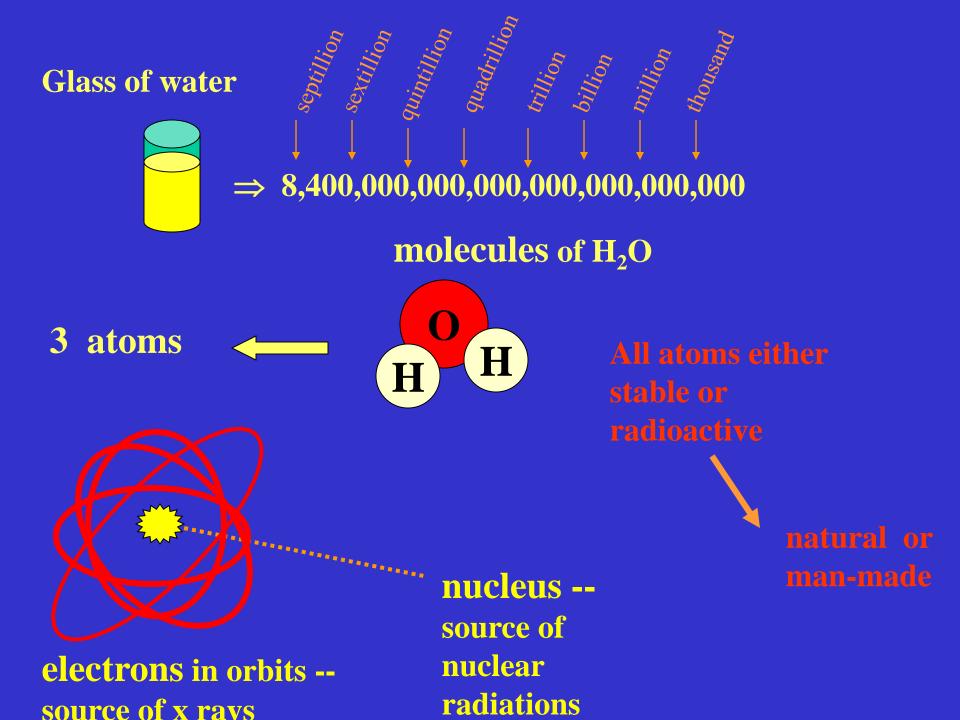


The Visible Spectrum



THE ELECTROMAGNETIC SPECTRUM





Purposes & Sources

	Diagnostic	Therapeutic
External source	X rays	"beams"
Internal source	injected radio- pharmaceuticals	Implanted "seeds"

