

NEW MEXICO = $Cu+Mo+C+U+K+Au+Ag+Na+CaCO_3$

ENVIRONMENTAL stewardship

perilet-zeolite-pumice-gypsum-travertine



Have a blast with ROCKS



ROCK BLASTING WITH EXPLOSIVES = physics + chemistry

we need QUARRIES to build bridges and roads



MINE DESIGN = geometry



MINE RECLAMATION = biology + chemistry + soil science + ecosystems



MINING vocabulary



MINE REGULATIONS = law + public policy + water rights + post-mine land use

GEMSTONES



designing mines = MATH

SELLING VALUABLE MINERALS = economics



MINING rich in HISTORY

COAL lights up our life



PROCESSING = chemistry

HSV10d pen savuro

ACTIVITIES



limestone + sand + gravel + water = CONCRETE

HEALTHY bodies need rock MINERALS

GRADES 6-12 PROFESSIONAL DEVELOPMENT

you can take back to the classroom

2009 Summer Teachers Institute - June 15-20

DIG IT! MINING IN NEW MEXICO

