

Rock Classification Lab #2

Name: _____ date: _____ pd: _____

ROCK GROUP	ROCK TEXTURE AND GRAIN SIZE DESCRIPTION	TYPES OF...	PROCESS THAT CREATES ROCK TYPE
IGNEOUS EXAMPLES			
SEDIMENTARY EXAMPLES			
METAMORPHIC EXAMPLES			

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WORD BANK –

1. USE THE TEXT BOOK AND YOUR ROCK SAMPLES TO RESEARCH HOW GEOLOGISTS CLASSIFY THE THREE TYPES OF ROCKS
2. CUT OUT THE WORDS FROM THE WORD BANK AND GLUE IN THE CORRECT COLUMN ON YOUR ROCK CHART
3. IDENTIFY EACH OF YOUR ROCK SAMPLES AND ADD THE NAMES OF THESE ROCKS TO YOUR CHART UNDER THE ROCK GROUP COLUMN WHERE IT SAYS EXAMPLES

INTRUSIVE	EXTRUSIVE	COOLS FAST, FINE GRAIN, SMALL CRYSTALS	COOLS SLOW, COARSE GRAIN, LARGE CRYSTALS
CLASTIC	COOLING MAGMA & LAVA	HEAT & PRESSURE DEEP UNDERGROUND	<i>PRESSED TOGETHER RANDOMLY</i>
ORGANIC	CHEMICAL	ROCK FRAGMENTS SQUEEZED TOGETHER	4-STEP PROCESS (EROSION, DEPOSITION, COMPACTION & CEMENTATION)
PARTICLES OF OTHER ROCKS	REMAINS OF PLANTS & ANIMALS	FOSSILS	MINERALS DISSOLVED IN SOLUTION
FOLIATED	NONFOLIATED	THIN FLAT PARALLEL BANDS	RANDOMLY ARRANGED MINERAL GRAINS