Grade 5 Science Reference Sheet

Mineral Identification Table

Mineral	Hardness	Luster	Streak	Color	Other
Calcite	3	nonmetallic	white	colorless, white	bubbles when acid is placed on it
Feldspar	6	nonmetallic	none	colorless, beige, pink	
Galena	2.5 – 3	metallic	gray	lead-gray	heavy for its size
Gold	2.5 – 3	metallic	golden yellow	yellow	used for jewelry
Graphite	1 – 2	metallic	black	gray to black	feels greasy
Hematite	5 – 6.5	metallic or nonmetallic	reddish brown	silver-gray or red	
Hornblende	5 – 6	nonmetallic	none	dark green to black	
Magnetite	6	metallic	black	black	magnetic
Mica	2 – 2.5	nonmetallic	none	dark brown, black or silver-white	flakes when peeled
Pyrite	6 – 6.5	metallic	greenish black	brassy yellow	called “fool’s gold”
Quartz	7	nonmetallic	none	colorless, white, rose, smoky, purple, brown	
Talc	1	nonmetallic	white	white, greenish to gray	feels greasy

Mohs Hardness Scale

Mineral	Hardness	
Talc	1	
Gypsum	2	
	2.5	Fingernail
Calcite	3	
	3.2	Copper Penny
Fluorite	4	
Apatite	5	
	5.5	Glass
Feldspar	6	
	6.5	Steel File
Quartz	7	
Topaz	8	
Corundum	9	
Diamond	10	

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