



THE CLASSROOM COLLECTION

ROCK-FORMING MINERALS

1. Microcline Feldspar
2. Albite Feldspar
3. Hornblende
4. Augite
5. Biotite
6. Calcite
7. Quartz

IGNEOUS ROCKS

8. Pumice
9. Obsidian
10. Scoria
11. Basalt
12. Andesite
13. Granite
14. Rhyolite

METAMORPHIC ROCKS

15. Amphibolite
16. Slate
17. Quartzite
18. Gneiss
19. Talc
20. Garnet Schist
21. Marble
22. Anthracite Coal

SEDIMENTARY ROCKS

23. Conglomerate
24. Sandstone
25. Arkose
26. Shale
27. Oil Shale
28. Calcareous Tufa
29. Limestone
30. Breccia

ORES & USES OF COMMON METALS AND NON-METALS

31. Gypsum - Plaster of Paris
32. Malachite - Copper Ore
33. Dolomite - Magnesium Ore
34. Chalcopryrite - Copper Ore
35. Graphite - Carbon
36. Limonite - Iron Ore
37. Hematite - Iron Ore
38. Magnetite - Iron Ore
39. Bauxite - Aluminum Ore
40. Pyrite - Iron Ore
41. Beryl - Beryllium Ore
42. Sulfur - Sulfur for compounds
43. Fluorite - Fluorine Ore

ROUGH GEMSTONES

44. Corundum
45. Chalcedony
46. Tourmaline
47. Specular Hematite
48. Olivine
49. Rose Quartz
50. Amethyst Quartz

SCALE OF HARDNESS

1. Talc (#19)
2. Gypsum (#31)
3. Calcite (#6)
4. Fluorite (#43)
5. Apatite (not included)
6. Microcline (#1)
7. Quartz (#7)
8. Beryl (#41)
9. Corundum (#44)
10. Diamond (not included)