

2008 Official Science Olympiad Rock and Mineral List

Minerals

1. Albite [Plagioclase Group]
2. Almandine [Garnet]
3. Amazonite [Microcline]
4. Apatite
5. Aragonite
6. Augite
7. Azurite
8. Bauxite
9. Barite
10. Beryl
11. Biotite [Mica]
12. Bornite
13. Calcite
14. Celestite
15. Chalcopyrite
16. Copper
17. Corundum
18. Diamond*
19. Dolomite
20. Epidote
21. Feldspar [Orthoclase Group]
22. Fluorite
23. Galena
24. Goethite/**Limonite**
25. Gold*
26. Graphite
27. Gypsum [Alabaster]
28. Gypsum [Satin-Spar]
29. Gypsum [Selenite]
30. Halite
31. Hematite
32. Hornblende
33. Kaolinite
34. Lepidolite
35. Magnetite
36. Malachite
37. Muscovite [Mica]
38. Olivine
39. Opal
40. Pyrite
41. Quartz [Agate/Onyx]
42. Quartz [Amethyst]
43. Quartz [Chalcedony]
44. Quartz [Citrine]
45. Quartz [Crystal]
46. Quartz [Jasper]
47. Quartz [Milky]

48. Quartz [Rose]
49. Rhodonite
50. Silver*
51. Sodalite
52. Sphalerite
53. Staurolite
54. Sulfur/Sulphur
55. Talc
56. Topaz
57. Tourmaline Group
58. Tremolite
59. Ulexite

Metamorphic Rocks

60. Gneiss
61. Marble
62. Phyllite
63. Quartzite
64. Schist [Garnet]
65. Schist [Mica]
66. Slate

Igneous

67. Andesite
68. Basalt
69. Diorite
70. Gabbro
71. Granite
72. Obsidian
73. Pegmatite
74. Pumice
75. Rhyolite
76. Scoria

Sedimentary

77. Anthracite Coal
78. Arkose
79. Bituminous Coal
80. Breccia
81. Chert
82. Conglomerate
83. Coquina
84. Diatomite
85. Dolomite Rock or Dolostone
86. Lignite Coal
87. Limestone [Chalk]
88. Limestone [Crystalline]
89. Limestone [Fossiliferous]
90. Limestone [Oolitic]
91. Limestone [Travertine]
92. Sandstone
93. Shale

RECOMMENDED RESOURCES: See Store at: www.soinc.org to order Science Olympiad Rock & Mineral Teaching Guide & National Audubon Society Field Guide to North American Rocks and Minerals.

Also, **Rocks and Minerals kits** (*excluding only silver, gold, and diamond) may be purchased by check or School Purchase Order from ESES, P.O. Box 503, Lee's Summit, MO 64063 (No Credit Cards or Phone Orders-PH 816-524-5635; FAX 816-525-4263) item OLY01 at \$79.00. Price quoted includes shipping and handling.