

## ROCK CYCLE KIT TEACHER KEY

<b>GRANITE</b> (13) <i>IGNEOUS</i>	<b>QUARTZ SANDSTONE</b> (23) <i>SEDIMENTARY</i>	<b>GNEISS</b> (28) <i>METAMORPHIC</i>	<b>FOSSIL LIMESTONE</b> (26) <i>SEDIMENTARY</i>	<b>PUMICE</b> (19) <i>IGNEOUS</i>
<b>MARBLE</b> (34) <i>METAMORPHIC</i>	<b>GABBRO</b> (38) <i>IGNEOUS</i>	<b>LIMESTONE</b> (27) <i>SEDIMENTARY</i>	<b>SLATE</b> (32) <i>METAMORPHIC</i>	
<b>CONGLOMERATE</b> (21) <i>SEDIMENTARY</i>	<b>PERIDOTITE</b> (39) <i>IGNEOUS</i>	<b>ANDESITE</b> (35) <i>IGNEOUS</i>	<b>ARKOSE SANDSTONE</b> (24) <i>SEDIMENTARY</i>	
<b>SCORIA</b> (18) <i>IGNEOUS</i>	<b>RHYOLITE</b> (16) <i>IGNEOUS</i>	<b>OBSIDIAN</b> (20) <i>IGNEOUS</i>	<b>BRECCIA</b> (36) <i>SEDIMENTARY</i>	<b>COAL</b> (37) <i>SEDIMENTARY</i>
<b>QUARTZITE</b> (33) <i>METAMORPHIC</i>	<b>SHALE</b> (25) <i>SEDIMENTARY</i>	<b>GARNET SCHIST</b> (30) <i>METAMORPHIC</i>	<b>BASALT</b> (17) <i>IGNEOUS</i>	
<b>DIORITE</b> (15) <i>IGNEOUS</i>	<b>TOOLS &amp; CARDS</b> 2 hand lenses 3 laminated cards		<b>MICA SCHIST</b> (31) <i>METAMORPHIC</i>	

### EACH ROCK CYCLE KIT CONTAINS 24 ROCKS TOTAL; ONE EACH OF:

#### IGNEOUS ROCKS (10 rocks):

- Granite (*intrusive*)
- Pumice (*extrusive*)
- Gabbro (*intrusive*)
- Scoria (*extrusive*)
- Rhyolite (*extrusive*)
- Obsidian (*extrusive*)
- Basalt (*extrusive*)
- Diorite (*intrusive*)
- Peridotite (*intrusive*)
- Andesite (*extrusive*)

#### METAMORPHIC ROCKS (6 rocks):

- Gneiss
- Marble
- Slate
- Quartzite
- Garnet Schist
- Mica Schist

#### SEDIMENTARY ROCKS (8 rocks):

- Quartz sandstone (*clastic*)
- Fossil limestone (*clastic*)
- Limestone (*chemical/biochemical*)
- Conglomerate (*clastic*)
- Arkose sandstone (*clastic*)
- Breccia (*clastic*)
- Coal (*biochemical*)
- Shale (*clastic*)

#### INCLUDED TOOLS & CARDS:

- 2 - 10x hand lenses/loupes
- 1 laminated % volume estimation card (*for use with igneous rocks*)
- 1 grain size card (*for use with sedimentary rocks*)
- 1 index minerals card (*for use with metamorphic rocks*)