

learning game

Put all the stones on **Start**.

Move each stone to the box where it is described. **SAY** the name of the rock or mineral.

The numbered tags won't help, because the stones are not in number order.

When you are done, check the numbers against the Tag# column below.



say and slide game

Use the back side of the playing board. Place all five stones **NUMBER SIDE DOWN** on **Other**.

SAY each name as you **SLIDE** each stone to its place. **DON'T PEEK** at the number tags yet!

When all five stones are on their squares, turn them over and check the numbers.

When you can do this and get all the stones right, you are ready for the advanced game with mystery rock (over).

Five common stones (one mineral and four rocks) along the western edge of the Blue Ridge, from Alabama to Maryland

Rock (or Mineral) name	Shade (very light, light, medium, dark, very dark)	Pattern (spotted, striped, layered, no pattern)	Shine (glassy, glittery, flashy, dull)	Special notes (shape, color)	Tag #
Metagranite	light to medium	spotted	flashy and glassy	crystals fit like puzzle pieces	5
Metagraywacke	medium to dark	no pattern	may have tiny glitter	tough rock, blocky pieces	1
Quartz (a mineral)	light	no pattern	glassy or milky		2
Slate	medium	layered	dull	flat pieces	4
Phyllite	medium	layered	flashy	flat pieces	3

Many rocks you collect may have been weathered. Weathering can give them colors such as yellow, brown, or red, and make them soft, sandy, or dusty. You might even be able to break a weathered rock with your bare hands!

advanced game with mystery stone

Return the five numbered stones to their plastic bag.

Use the back side of the playing board.

Place the ten unnumbered stones on their squares. There should be EXACTLY two stones on each square.

The Other square is for two stones that don't match any square. One is not a rock or mineral - it is human-made, such as a piece of asphalt pavement or concrete. The other is your MYSTERY STONE.

Use the table below to identify your mystery stone (rock or mineral).

hang on to this sheet - find your local rocks and minerals!

Now you are ready to identify common rocks and minerals along the northwestern edge of the Blue Ridge region in the states of Alabama, Georgia, Tennessee, Virginia, and Maryland. See the map at georgiarocks.us/games. You can download and print this sheet from there as well.

Six less common stones (one mineral and five rocks) along the western edge of the Blue Ridge, from Alabama to Maryland

Rock (or Mineral) name	Shade (very light, light, medium, dark, very dark)	Pattern (spotted, striped, layered, no pattern)	Shine (glassy, glittery, flashy, dull)	Special notes (shape, color)
Metaconglomerate	medium	spotted (white pebbles)	dull	breaks across pebbles
Marble	very light	no pattern	glittery or milky	can scratch with paper clip
Quartzite	light	layered or no pattern	may have tiny glitter	blocky pieces; cannot scratch with paper clip