I know a rock is igneous if:

I see randomly located interlocking crystals
or
I see vesicles where gases escaped as lava cooled
or
The texture of the rock is glassy due to extremely rapid cooling (it is Obsidian!)

I know a rock is sedimentary if:

I see layers of sediment cemented together
and/or
I see ripple marks
and/or
I see mud cracks
and/or
I see fossils
or
I see cobbles, pebbles, and sand grains cemented together

I know a rock is metamorphic if:

I see bands of light and dark minerals
or
I see distorted / folded, foliated structure
or
I see foliated “layers” of platey, flakey minerals like mica
or
I see a very hard, resistant, uniform, and weathered quartzy boulder