ROCK IDENTIFICATION FLOWCHART

Is the "rock" soft enough to flatten with two fingers?

- **YES** → Wash your hands. MOST LIKELY, IT'S POOP
- **NO** → **Are you in Hawaii?**
  - **YES** → MOST LIKELY, IT'S BASALT
  - **NO** → **If you drop vinegar on the rock, does it fizz?**
    - **YES** → MOST LIKELY LIMESTONE OR MARBLE
    - **NO** → **Does the rock have layers?**
      - **YES** → **Does the rock have crystals or large particles?**
        - **YES** → MOST LIKELY METAMORPHIC. It could be gneiss schist, or quartzite!
        - **NO** → **Does it feel gritty or smooth?**
          - **GRITTY** → **Does it look like a bunch of pebbles cemented in sand?**
            - **YES** → MOST LIKELY CONGLOMERATE
            - **NO** → MOST LIKELY SANDSTONE
          - **SMOOTH** → **When you tap it with your fingernail, what sound do you hear?**
            - **TINK** → SLATE
            - **TUNK** → SHALE
      - **NO** → **Does the rock have crystals or large particles?**
        - **YES** → MOST LIKELY GRANITE
        - **No, it's glassy and black.** → MOST LIKELY OBSIDIAN
        - **No crystals, but there are some small chunks and one of them looks a bit like a fish scale** → FOSSILIZED POOP! (COPROLITE)

SCIENCE MOM