

Mineral crystal shape

What shapes are the mineral crystals?

| Crystal | Shape |
|----------|-------|
| salt | |
| quartz | |
| borax | |
| calcite | |
| selenite | |

Carbonate acid test

Add the shell and rocks to vinegar in the labelled tray.
Look for tiny bubbles - they might take a minute to start.
Bubbles are made by carbonates.

Wash the material in the water when you are done.

| Sample | Material | Bubbles with acid? | Carbonate? (yes/no) |
|-----------|------------------|--------------------|---------------------|
| shell | living thing | <i>yes</i> | <i>yes</i> |
| quartz | mineral | | |
| calcite | mineral | | |
| limestone | sedimentary rock | | |

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