Teacher Tips Solid as a Rock

Lesson 3
Material Properties

- For students with little or no experience with rocks or the rock cycle, consider using B student pages. Seeing the words on the worksheet can reinforce learning the new vocabulary.

- Videos from EiE’s Science Resource List for this unit are a fun and quick way to introduce or review the Rock Cycle.

- Work with students to define “criteria” and “constraint” by using the letter from the museum.
  - Answer any questions about testing by referring to the criteria

- Students may be confused by the standardized shape of the rock samples (natural or human made). Use an example of a “natural” rock (granite piece) with the square block from the kit – same material, but different shape

- In part 1, hand out cards one at a time to support identification, use simplest one first (wax, then foam, etc.)

- Demonstrate carving and rubbing technique on board or chart paper

- Rock samples may differ – use evidence from testing for L4.