

MARBLE MARVEL

Create an everlasting sculptural memory inspired by the DMA's Greco-Roman marble sculptures.



Spend some time browsing and looking at Greco-Roman marble sculptures in the DMA's online collection. Notice the detail and smoothness of the material. Consider the process and decisions sculptors went through to create a marble sculpture.

Materials:

- Plaster and Alginate Mold- Making Kit
- Large mixing bowl
- Water
- Mixing stick
- Newspaper/scrap paper
- Cutting tool (knife/blade)

STEPS

- **Create a working area:** Place a large sheet of paper where you'll be mixing the plaster and alginate. This will make clean-up easier. Gather your materials.
- **Making the Mold:** You must work quickly in this step. Open the bag of alginate. Pour the entire bag into the large bucket that came with your kit. Pour in 7 cups of cold water. Using a mixing stick, quickly mix the alginate and water together until mixture is full.
- **Casting:** Wash and dry both hands that will be casted. Hold your partners hand in a comfortable position. Carefully place your held hands in the alginate mixture. Making sure your hands don't touch the bottom or sides of the bucket. Leave hands in mixture for about 8 minutes, or until the alginate has completely set/hardened.



➤ **Unmolding:** Once your alginate mold has set, carefully wiggle your hands out of the mold.

➤ **Mixing Plaster:** Pour the bag of plaster included in the kit into a mixing bowl. Pour 2 cups of water into the bowl and mix thoroughly until mixture becomes thick.

➤ **Pouring and Setting:** Pour the plaster mixture into the alginate mold and tap the sides of the bucket, making bubbles rise to the top of your mixture. The tapping will keep air bubbles from forming in your sculpture. Allow casted mold to fully set for 12 hours.

➤ **Unmolding:** Using a cutting tool, remove the plastic container and reveal the alginate mold. Carefully cut away the alginate from your plaster hands. Once you've removed all the alginate, display your memorable sculpture.

