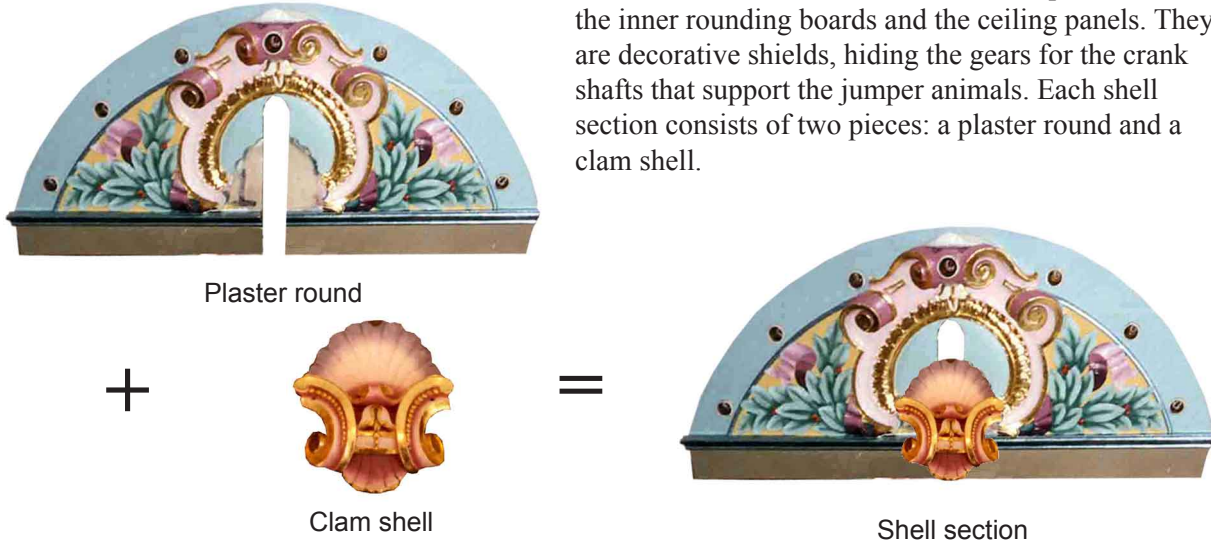


11 Restoring the Shell Sections

The shell sections fill the semi-circular space between the inner rounding boards and the ceiling panels. They are decorative shields, hiding the gears for the crank shafts that support the jumper animals. Each shell section consists of two pieces: a plaster round and a clam shell.



To restore the shell sections, Rosa spot checked the plaster pieces in sample areas for the original paint and design and matched the colors to the Munsell charts. She photographed the sample areas and traced the designs, labeling all information on a drawing. All the pieces had the same color scheme.

Removing paint

Rosa softened several layers of unstable paint using a combination of heat and methylene chloride. She removed the loose paint with a blade.



Most of this plaster round has been cleaned to the original paint.



A plaster round before restoration.

For the last group of shell sections she restored, Rosa cleaned the pieces first with tri-sodium phosphate (TSP) and water. She removed any paint layers that looked unstable.