

room; cookery of vegetables, cereals, meats, soups, desserts, breads, tea and coffee; making of yeast; preparation and serving of meals; table laying and waiting.

SENIOR YEAR.

BOYS:—*Course in Forging, requiring about 120 hours.*—The building and care of fires. Heating the iron. Drawing square iron to a point, to flat, to bevel, and to round. Drawing from round to square, from square to octagon, from octagon to round. Bending rings of round and flat iron. Pointing and bending a staple. Drawing, bending and twisting in making a hook. Upsetting and forming square and hexagon head bolts. Punching and cutting square hexagon nuts. Bending, twisting and punching flat iron.



Sewing Class at Whittier School.

Upsetting, drawing, bending, punching and chamfering, square angle piece. Upsetting, welding, forming, and punching, introducing case hardening in making heading tool. Drawing and upsetting nails and rivets in heading tools. Butt welding. Bending, scarfing and welding in washer making. Bending and welding in making chain.

Forming, punching, slotting, and bending a hasp. Laying off and forging diagonal brace. Forging eccentric strap. Drawing out bending and threading eyebolt with ring. T welding. Jump welding steel. Forging S wrench.

Drawing cast steel and introducing tempering in making cold chisel. Forging and tempering flat drill. Forging and tempering hammer. Drawing, bending, punching, and tempering arch spring. Forging and tempering lathe tools. Welding steel to iron. Forging blacksmith tongs.