

## Industrial Notes.

Haynes Dewitt is making a music rack for Mr. Stoulenmeyer.

Mr. Campbell says that the bakers DO make excellent mince pies and cinnamon rolls.

The Carpenters are making some good, substantial step ladders for use in the orchard.

The Wagonmakers and Blacksmiths have a built good, strong wagon for the use of the school in handling the swill.

The brick work of the East and North sides of the bakery has been painted, which improves the appearance very much.

The railroad to the rear of of the Engineers' department has proven a great help to the force who have to handle wood.

A complets of fine driving harness were forwarded to Agent Applegate at Klamath, Oregon, and Supt. Kyselka at Hupa, California.

The blacksmiths have made several heavy chains for use of the stump pullers and land clearers. They show excellent work for beginners.

The base of the fruit dryer has been closed in by the carpenters, which adds much to the appearance and will serve as a store room for the gardener.

The Painters have painted the roof of the root-house and fruit dryer and primed the root-house in addition to doing their usual amount of inside work.

Mr. Godwin and his force of boys are giving the grounds to the east of the school building a different appearance. The old stumps and snags are rapidly disappearing and this spring we expect to see great mammoth potatoes, where lately tall firs grew.

Mr. Westley and his force are busy these days between times sorting our house full of potatoes and at the same time pruning and cultivating the small fruits and orchard, in addition to hauling and spreading manure on the garden, and getting ready for the spring campaign.

The electric lights which have been placed over the gates leading to the school building and those around McBride Hall, add much to the comfort of pedestrians these dark night.

The plumbers and steam fitters have been very busy laying water pipes under the grounds to keep our grass green this coming summer. They have completed covering the steam pipe under the buildings in addition to installing bath tubs and other necessary plumbing.

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## The Industrial Department.

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The new Industrial shop building is now occupied and our apprentices are given a better chance than ever before to advance.

The carpenter department has taken the lead in shop equipment. The office in the one corner with its glass front gives Mr. Woods a place to do his drafting and at the same time see his boys at their benches, which are in the main room. Each apprentice has his own set of tools and are responsible for their care and condition.

The wagon shop is also getting in shape and the wagonmakers will make the carpenters look out for their laurels by the time the equipment of their department is all in place.

The tailors do not look so good yet; they and the harnessmakers are dependent upon the woodworkers for their equipment. This will come and in short order and Chemawa will have as good industrial equipment as any in the Service.

The blacksmiths are now ready to expand and remodel their shop and place therein three additional fires. They will occupy their old shop and the one lately used by the wagonmakers.

The house and coach painters will be moved down from their up stairs berth and will be given comfortable quarters in the old carpenter shop which will be remodeled and adapted to their use.

The printers need to expand and in the final shake up we hope to see them in the industrial row flanked by the engineers and painters.