

(Continued from front page.)

The girls have an excellent Mandolin Club, the instrumentation consisting of violins, guitars, mandolins, cello, double bass and piano. Vocal music will be taught to those desiring it and piano lessons can be secured by those wishing to take them.

8. The Domestic Science department has a separate building especially adapted for the purpose and the facilities of Chemawa in this line are equaled by only one other school in the Service.

9. In the Literary Department, the instruction covers the branches taught in Grammar schools of the country.

Some information about Chemawa might be interesting. The school was established by Major Wilkinson, February 25, 1880, being the second oldest Non-reservation School in the United States. From a small school as then established of twenty-five children it has grown step by step and year by year. Last year was the most prosperous in its history. The total enrollment for the year being 775 pupils, having an average of 615. The school year closed with 382 boys and 266 girls on the rolls. Under the new regulations it is now up to the parents and the guardians and the pupils to decide which school they desire to attend. Certainly the attendance the last year speaks volumes for the continued prosperity and good name of Chemawa.

Now a last word to the Indian parents and Indian young men and women desiring an industrial education at the Chemawa school. If you desire admission this term write at once to Supt. Chalcraft.

If you want to enter Chemawa as a pupil fill in the space below, cut it out and send it to Supt. Chalcraft, who will

immediately send you application blanks

Name \_\_\_\_\_

Age \_\_\_\_\_

Tribe \_\_\_\_\_

Father \_\_\_\_\_

Mother \_\_\_\_\_

P. O. \_\_\_\_\_

R. R. \_\_\_\_\_

### FIGURE ON THIS.

Here is something for the engineer boys to get busy on. These questions will be asked them again some time.

The answers will appear in the next issue of the American. Subscribe for the American, it is only 25 cents a year, and you will get your money's worth in a short time.

1. Why should not the operation of emery wheels, grinders and speed lathes and the handling of coal be allowed in the same room with dynamos and engines?

2. On what machines are copper bushes generally used?

3. How are copper bushes generally set?

4. What does the odor of hot oil around a machine generally indicate?

5. State three possible causes for the refusal of a direct current shunt motor to start after the main switch has been closed and the starting device properly operated.

6. To what may the sparking of the brushes of a dynamo be due?

7. Give at least four causes.

8. What test may be used to locate the defects in an armature?

9. How would you test field coils of a dynamo to determine whether any of them were open circuited or not?

10. Why should neither ordinary oil, in any considerable quantity, nor emery cloth be used on commutators or brushes?