

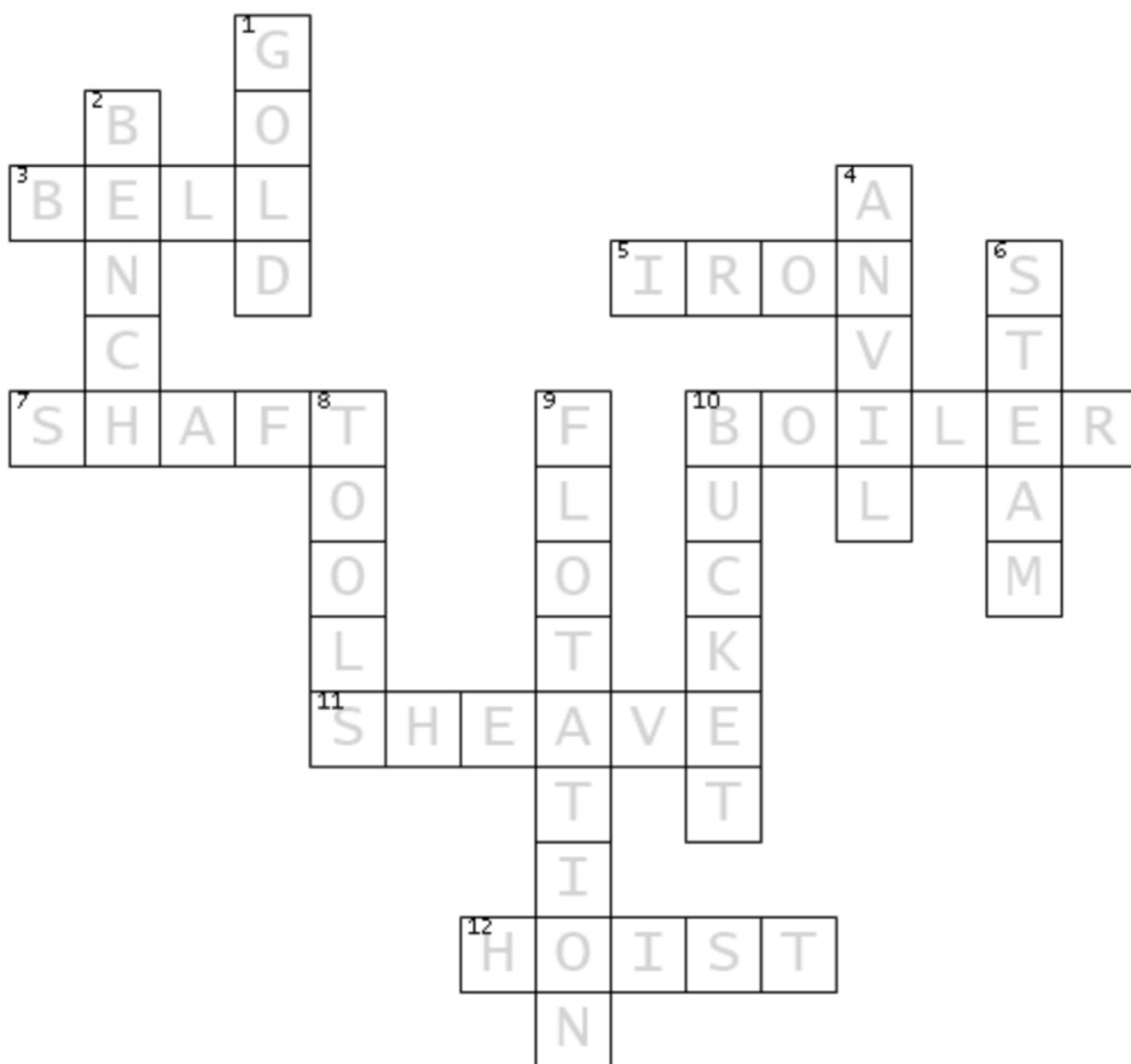
Mining Equipment Crossword Puzzle

Grade Level: 9-12

Estimated Time: 1 hour

Virtual Tour Buildings: Coeur d'Alene Gold Mine, 1884

Directions: Teachers/Parents go to the [CSU AVL Website](http://www.csuavl.com) and click on Central City Buildings page. Click on the "Coeur d'Alene Gold Mine, 1884" text title to start. The clues and word bank are on the next page. The answers to the questions can be found by clicking on the colorful dots, called Matteredtags, found around the building. Have fun on your historic mining tour!



WORD BANK

anvil
bell
bench
bucket
boiler
floatation
gold
hoist
iron
shaft
sheave
steam

ACROSS

3. Miners used _____ signals to communicate with each other
5. Fire doors were made of this type of metal
7. This mine entryway goes down 700 feet
10. A _____ heats water into steam using a coal fire
11. This pulley was attached to a hoist cable on a bailing or ore bucket
12. A _____ powered the raising and lowering of the bailing and ore buckets

DOWN

1. The Coeur d'Alene Mine was used to mine this precious metal
2. The work _____ would hold all of the tools the miners needed to do their jobs
4. An _____ block was used to sharpen steel
6. A _____ line connected the boilers to the steam-powered hoist
8. An air compressor was used to power air-driven _____
9. These _____ cells were used to separate ore
10. This was lowered into the mine and filled with water to empty out the excess moisture