

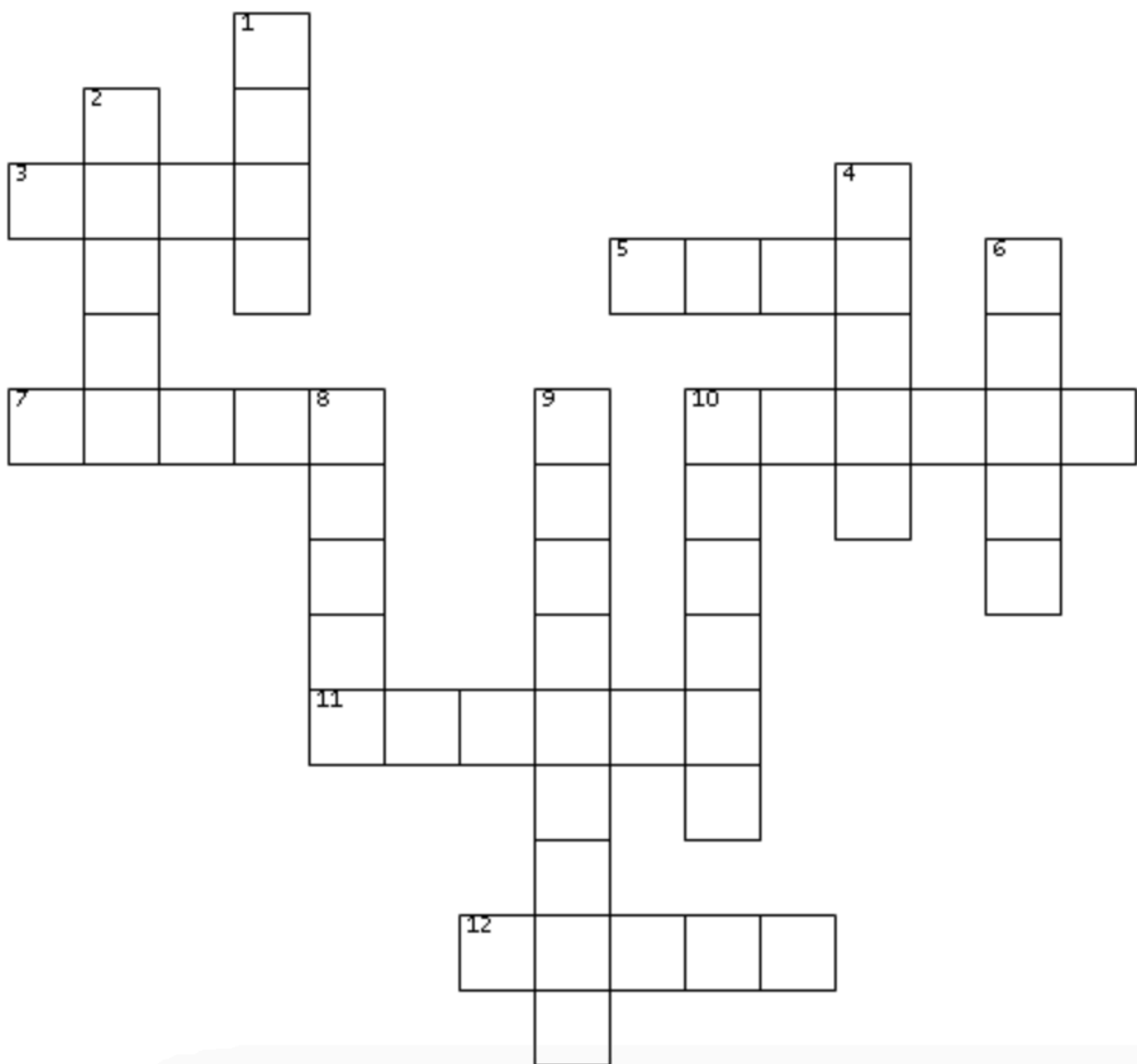
# Mining Equipment Crossword Puzzle

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](#) 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