



MINING UTAH'S HERITAGE WORKBOOK NEWS

STAY OUT AND STAY ALIVE!

Abandoned Mine Reclamation Program

January 2024

The Mining Utah's Heritage workbook was created by Abandoned Mine Reclamation Program (AMRP) staff and the State Office of Education. Activities and information satisfy portions of the fourth-grade social studies core standards. They are intended as a fun resource, helping students learn about Utah's mining history, minerals, and the danger of abandoned mines.

The workbooks are getting an exciting redesign with all-new artwork and updated content! We plan to have the new editions ready to send out in February 2025.

Want an inside look at safeguarding an abandoned mine? Check out these videos on the Division of Oil, Gas and Mining's YouTube channel at <https://www.youtube.com/@UtahDivisionOfOilGasMining/videos>: Five Mile Pass Mine Shaft Closure Project and Thaynes Canyon Mine Stabilization Project.

Utah Mining Association- Mining Ambassador Program

Utah's mining industry professionals share their knowledge with elementary school students through the Mining Ambassador program. Volunteer ambassadors visit classrooms to give one-hour presentations, teaching students about Utah's mining heritage, the importance of mining for modern life, and how mining impacts Utah's economy. This curriculum is based on state requirements for mining and minerals education. You can schedule an ambassador visit at <https://utahmining.org/ambassador-program/>.

Helpful Classroom Resources

- Utah Mining Association (Interactive lesson plans and videos)
<https://utahmining.org/educator-resources/>
- Utah Geological Survey Teacher Kits (Hands-on specimens including fossils, rocks and minerals, dinosaurs, and more)
<https://geology.utah.gov/teachers/>
- Utah Historical Society (Primary sources and lesson plans)
<https://history.utah.gov/k-12-resources/>
- International Bat Week (Activity sheets, crafts, recipes, and more)
<https://batweek.org/>
- Utah Office of Energy Development (Curricula for elementary through high school)
<https://energy.utah.gov/homepage/education/curriculum/#elementary>

Contact

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MINING

UTAH'S HERITAGE Answers

UNIT 1. MINING

We depend on mining every day

GAME 1 (Page 3)

- Answers will vary
- Gas, gallium, germanium, gold, gilsonite
- Sand
- Answers will vary
- Nickel
- Petroleum

GAME 2 (Page 5)

- Farmers use: fertilizer, irrigation systems, tractors.
- Construction workers use: concrete, tools, bricks, lunch buckets, hard hats
- To travel around the world and into space, we use: seat belts, trucks, trains, rocket ships, cars
- To play music, we use: French horns, cymbals, trumpets

UNIT 1 HISTORY (Page 6)

- farm tools
- Alta
- taco - Mexico; gyro - Greece; sushi - Japan; spaghetti - Italy (other answers will vary)

UNIT 1 SAFETY (Page 8)

- Killed
 - Danger
 - Breathe
 - Poisonous
 - Abandoned
 - Hurt
 - Lost
- Secret Message: KEEP OUT

UNIT 2. MINING (Page 10)

Word Mine

Across: 1. lead 4. molybdenum 7. gold 8. salt 9. clay 10. topaz 13. uranium 14. iron 15. copper

Down: 2. dinosaur 3. coal 4. beryllium 6. steam 7. gilsonite 11. zinc 12. silver

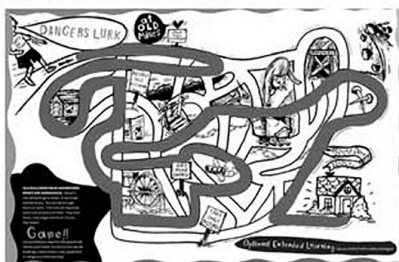
UNIT 2. HISTORY (Page 11)

Meet some famous miners.

- c
- a
- d
- b
- b
- d
- a
- c

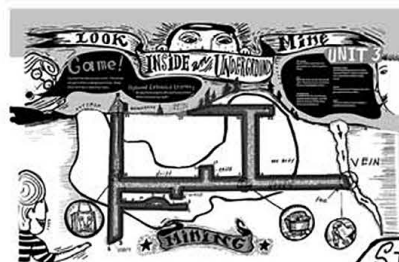
UNIT 2. SAFETY (Page 13)

Danger lurks at old mines



UNIT 3. MINING (Page 15)

Look inside an underground mine.



UNIT 3. HISTORY (Page 18)

How did Carbon County get its name?

- Rains
- Peerless
- Sweet
- Scofield
- Spring Canyon
- Castle Gate
- Sunnyside
- Latuda

UNIT 3. SAFETY (Page 19)

Old dynamite can blow up!

Scrambled word: Sheriff

UNIT 4. MINING (Page 20)

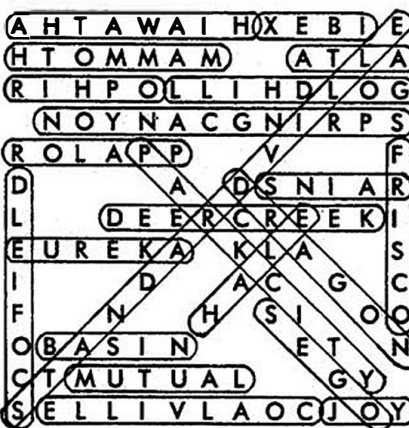
Surface mines are replanted.

- Grass on after image should be colored
- Dragline bucket is on the during image
- The nest is on the before image

UNIT 4. HISTORY (Page 21)

Can you find Utah mining towns?

GAME 1



GAME 2

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UNIT 4. SAFETY (Page 24)

Stay away from old mine shafts!

- mountains
- snowmobiles
- ☑
- skiing
- hiking
- bike
- pictures

UNIT 5 MINING (Page 25)

Find what minerals you use everyday!

All listed items should be colored.

UNIT 5. HISTORY (Page 26)

Significant Events in Utah's Mining History

1862-5 1869-7 1883-4 1896-8 1900-9

1914-2 1945-3 1952-1 2010-6

UNIT 5. SAFETY (Page 27)

ATVs and abandoned mines don't mix

- Some shafts were dug from the bottom up
- bigger, hole
- True
- unstable
- False
- Private Property

