



https://minesafety.wv.gov/

Each region provides coal miners the testing and certification needs required to work in and around our West Virginia mines. These regions provide regulatory inspections and compliance assistance to all 55 WV counties.

COAL MINERS' ACTIVITY BOOKLET DIG INTO SOME FUN

EDITED BY JOSHUA BELL

The West Virginia Training and Conference Center offers the community, government organizations and industrial companies a modern conference center with access to classrooms furnished with the latest technology. Call the center today to reserve

your organization's needs.

304-369-7823

Region I - Westover

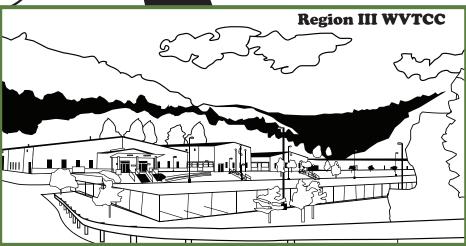
Barbour - Berkeley - Brooke - Calhoun - Doddridge -Gilmer - Grant - Hampshire - Hancock - Hardy - Harrison - Jefferson - Lewis - Marion - Marshall - Mineral -Monongalia - Morgan - Ohio - Pendleton - Pleasants - Preston - Randolph - Ritchie - Taylor - Tucker - Tyler -Upshur – Wetzel – Wirt – Wood

Region II - Welch

Cabell - Lincoln - Logan - Mason - Mingo - McDowell -Mercer - Monroe - Summers - Wayne - Wyoming

Region IV - Oak Hill

Boone - Braxton - Clay - Fayette - Greenbrier - Jackson - Kanawha - Nicholas - Pocahontas - Putnam - Raleigh -Roane - Webster





Mission Statement

The West Virginia Office of Miners' Health Safety & Training is responsible for the supervision of the execution and enforcement of the provisions of the state's mining laws and rules. Prime consideration is given to the protection of the safety and health of persons employed within or at the mines of the state. In addition, the agency protects and preserves mining property and property used in connection with mining activities.

The agency pursues this mandate by impartially executing and enforcing the state's mining laws and administrative rules in a co-operative spirit through a comprehensive approach that includes not only inspection, enforcement, and investigative activities, but also, and perhaps more importantly, by aggressively conducting timely and functional training activities focused on all segments of the mining industry.

These duties include regular inspections of all mining related sites and the certification/ training of mine employees. All serious mining accidents are investigated and statistics are maintained with regard to health and safety related concerns. Currently the office has 140 employees.

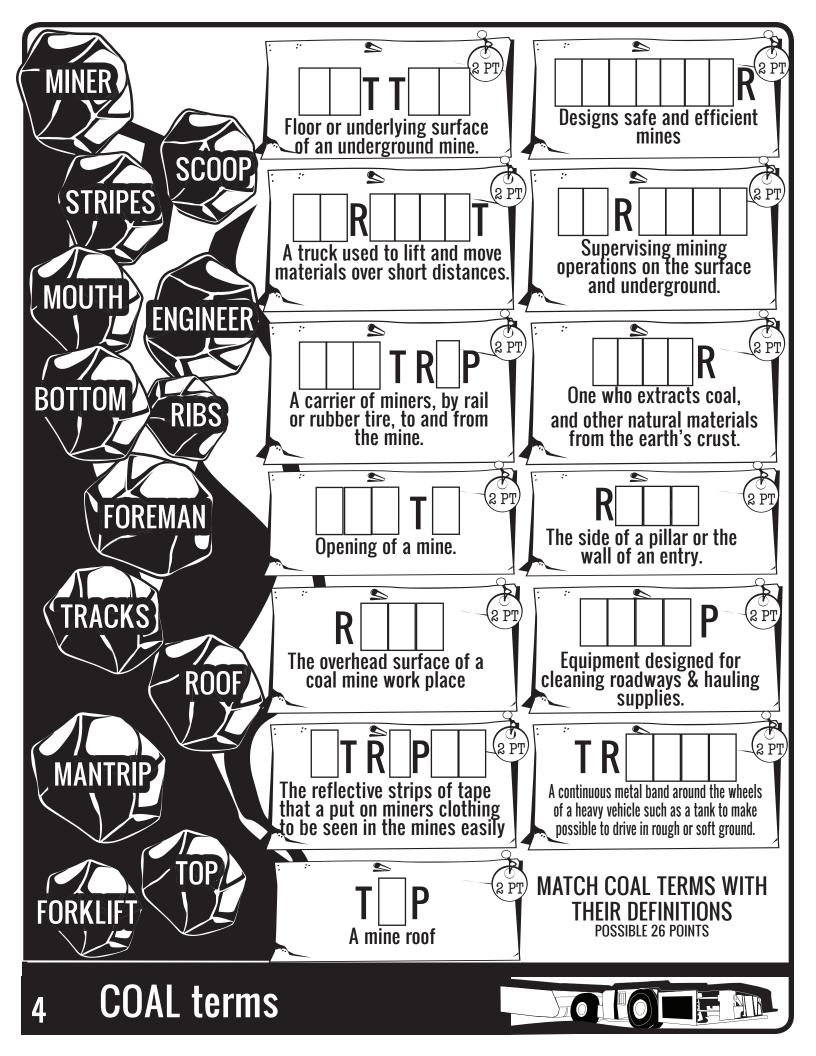
Our History

The West Virginia Office of Miners' Health, Safety and Training is one of the oldest WV state agencies, tracing its roots to February 22, 1883 when the first West Virginia mine safety act was passed by the legislature. The first code section called for the appointment of a mine inspector to make certain the mines in the state were "properly drained and ventilated". Not until 1887 would any major revisions of the mining laws occur. In the decades since, many additional mining laws and regulations have been enacted as the industry has evolved. Our agency has gone through an evolution as well.

Prior to 1905, the state was divided into several inspection districts with a Chief Mine Inspector as head of the agency. From 1905 to 1985 our agency was known as the West Virginia Department of Mines, and the number of inspection districts grew from five to more than 50. In 1985 the Department of Mines merged with several other agencies to form the West Virginia Department (later Division) of Energy. In 1991 our agency became the West Virginia Office of Miners' Health Safety and Training.

Currently, our agency consists of approximately 130 employees assigned to four regional offices and the Charleston Headquarters. We employ Inspectors, Safety Instructors, and Administrative support personnel in each regional office. Our inspectors today are responsible for inspecting over 616 mines, quarries and coal handling facilities as well as approximately 1,734 independent contracting companies. Our inspection staff conducts regular inspections and investigates all serious mining accidents as outlined in our mission statement. Our safety instructors provide industry training, review safety programs for all facilities, and conduct certification examinations. We also maintain highly trained and well equipped Mine Rescue Teams. In addition to these activities, our agency issues permits and approvals, maintains industry statistics, and develops and publishes industry training materials.







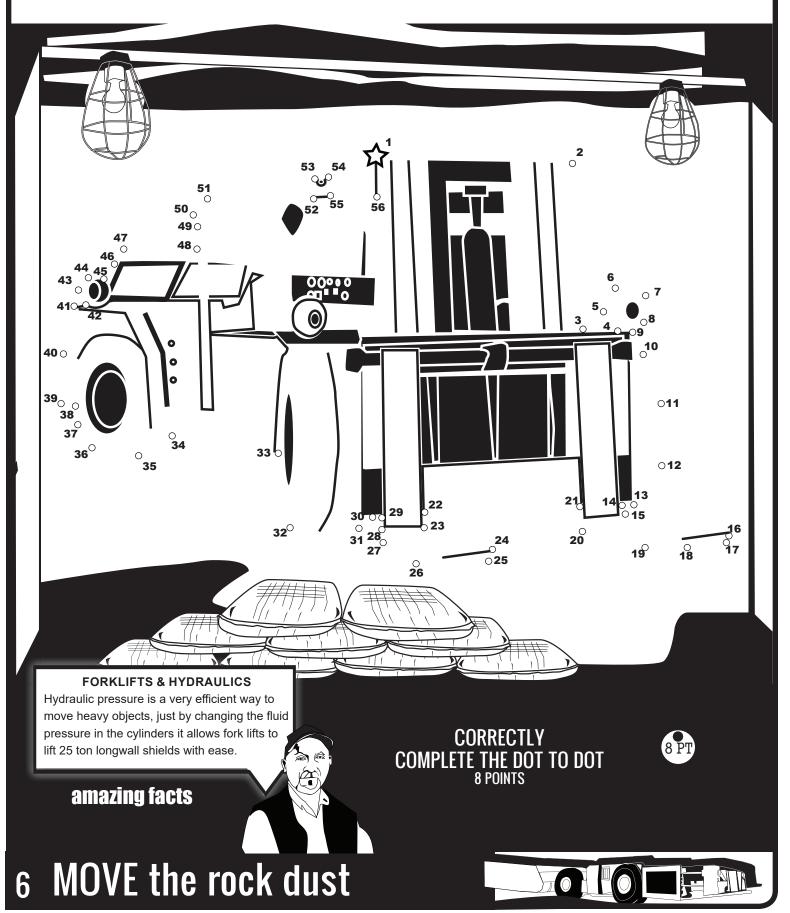
- 1. Coal is a sedimentary rock.
- **2.** Coal is made from dinosaurs.
- 3. It takes roughly 1 million years to form coal.
- 4. WV named bituminous coal as its official state rock.
- **5.** These are the types of coal: anthracite, bituminous, subbituminous & lignite.
- **6.** Pepperoni rolls were probably first created by coal miners' wives
- 7. Jefferson & Hardy Counties of 55 WV counties produce no coal.
 - **8.** Metallurgical coal is used to make steel.
 - **9.** Coal began production in Kanawha to support the salt industry.
 - **10.** John Henry was a coal mining man.







WHY DO YOU THINK MINES NEED ROCK DUST?



EDIBLE COAL

FUN COOKIE RECIPE

1 PACKAGE OF COOKIES

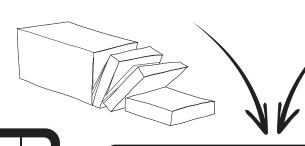


BREAK COOKIES
INTO SMALL CRUMBS

PUT CHOCOLATE SANDWICH COOKIES

IN A PLASTIC ZIPPER BAG

4 TABLESPOONS BUTTER



5 CUPS MINI MARSHMALLOWS





MICROWAVE

1 TO 2 MINUTES
UNTIL MARSHMALLOWS ARE

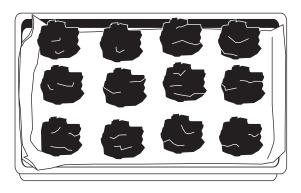
CAUTION / MIGHT BE HOT

i'm a microwave safe bowl! MIX BUTTER AND MARSHMALLOWS

THEN ADD COOKIE CRUMBS
AND MIX

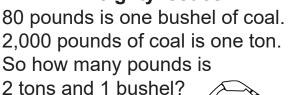
ask for adult help

BREAK UP THE COOKIE MIX INTO LUMPS OF COAL AND PLACE ON A PIECE OF WAX PAPER ON A COOKIE SHEET



LET MIXTURE COOL. THEN EAT!

Weighty Issues

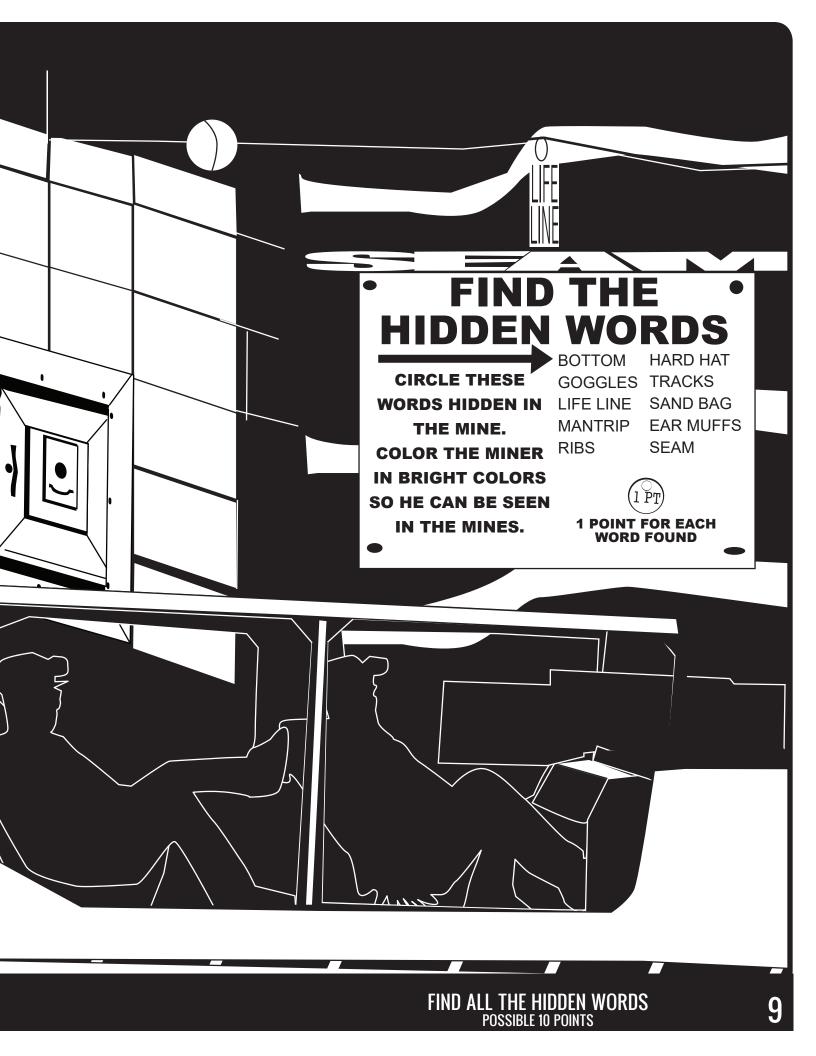


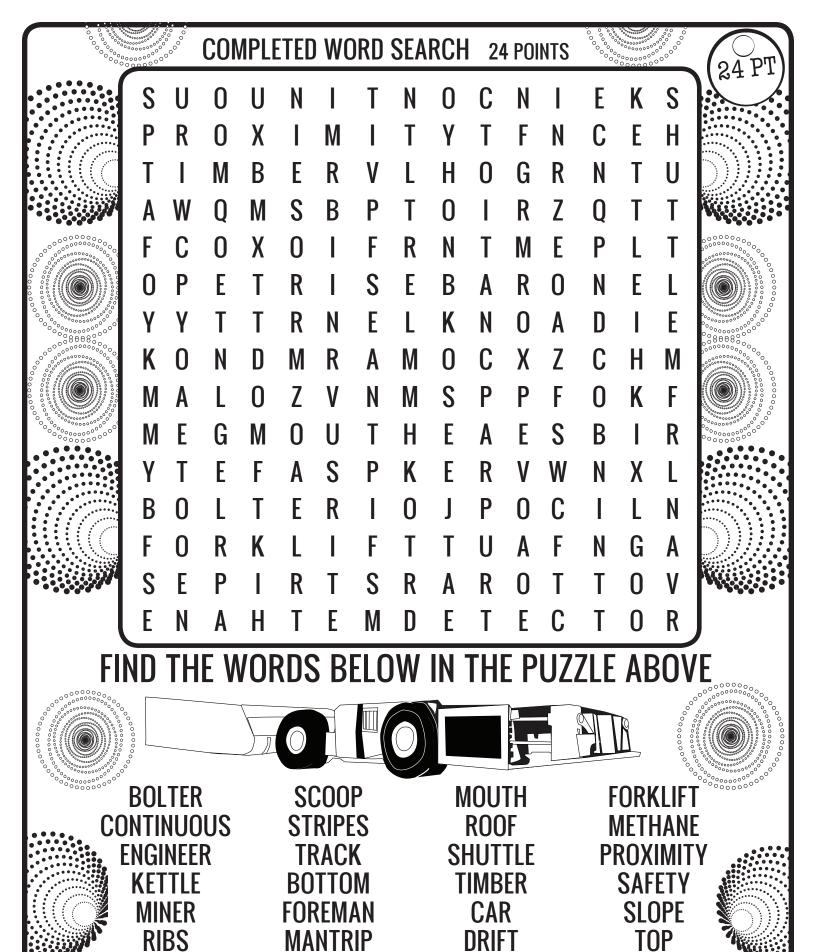
bonus auestion



MAKE edible coal



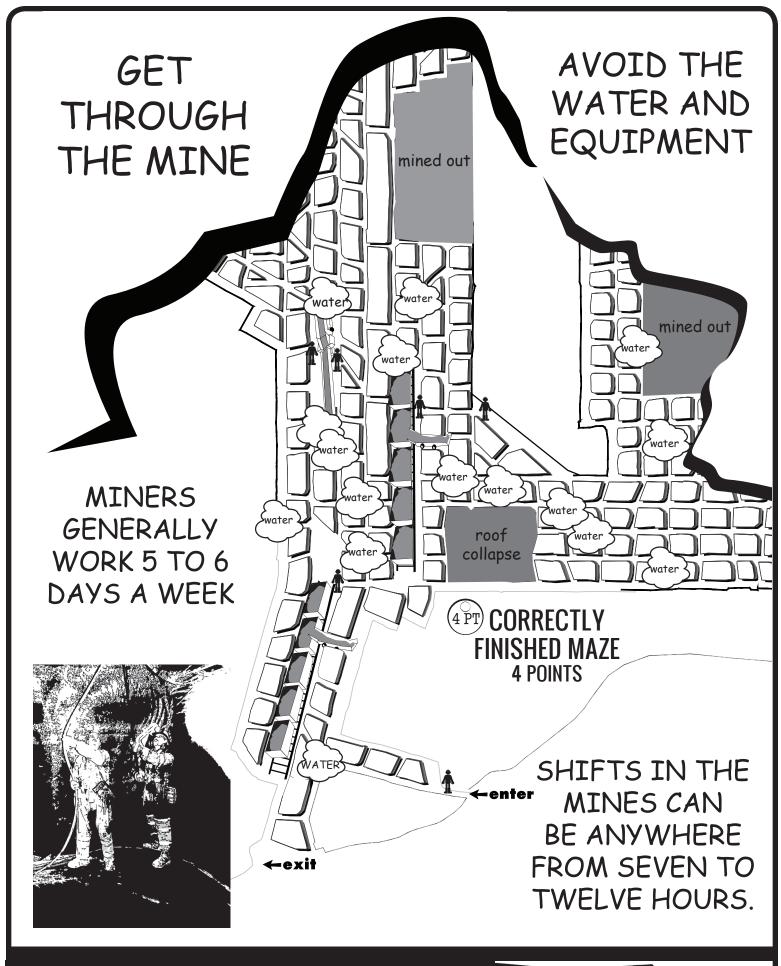








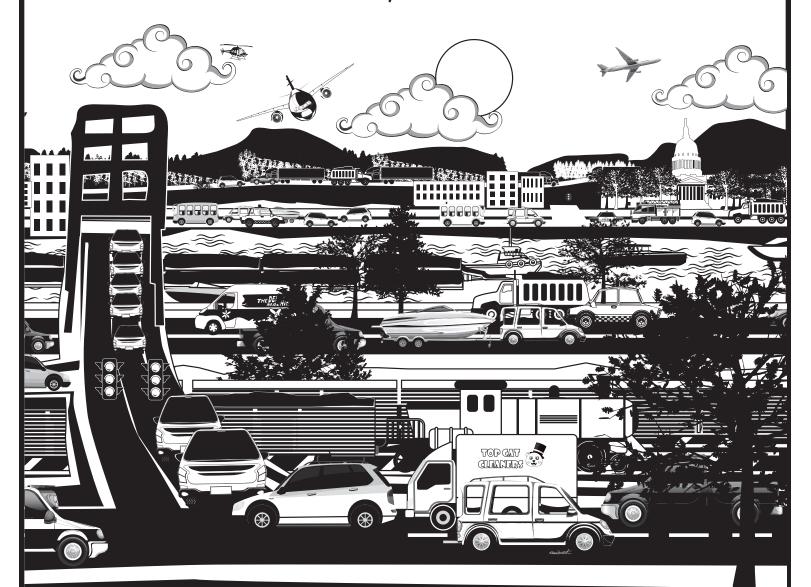
PRODUCTS of coal



Coal on the move!

Can you track where the coal is going?
Circle the vehicles moving coal.
How many are there?

CORRECT ANSWER 4 POINTS





WOMEN IN MINING HISTORY

The first woman miner was officially hired in 1973 in a mine in West Virginia

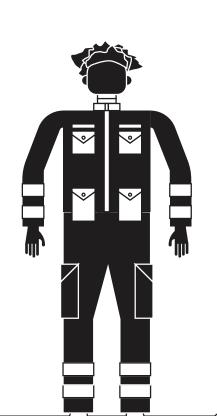
fun fact

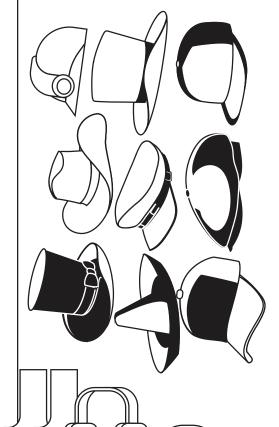


COAL on the move

CAN YOU HELP THIS MINER CHOOSE THE RIGHT HAT FOR HIS JOB IN THE MINES?

CIRCLE THE
CORRECT
HAT FOR
A DAY IN
THE MINES





Safety glasses:

Eye protection may sometimes be part of a full respirator, but otherwise glasses or goggles are given to miners. Dust and dirt sometimes can get stirred up around the mine and glasses will keep eyes safe and protected.

Hand & foot protections: Miners wear metatarsals boots when working in a mine. Sometimes they need to have waterproof boots or extra strong soles to be puncture resistant.

Hand protection is a safety glove in rubber, cotton or leather.

Hearing protection: Ear muffs or ear plugs are to keep workers ears safe from loud noises or machinery.

Mask/Respiratory protection: Miners use facial equipment that covers the mouth and nose to prevent dust from reaching the lungs.



Reflective clothing:

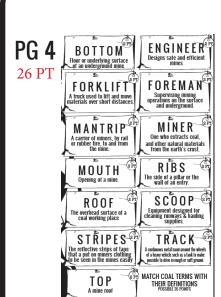
Mines are small, noisy spaces and workers must be able to be seen. Workers wear reflective jackets or shirts as well as reflective pants. When workers can be easily seen, they are less likely to get struck by vehicles traveling around the mines. COLOR ALL THE PPE IN BRIGHT COLORS

Hard hats:

These are worn to protect the miners' heads. Lights can be mounted on hard hats to provide light for the worker. These hats are often bright or reflective colors.

14 PPE Personal Protection Equipment





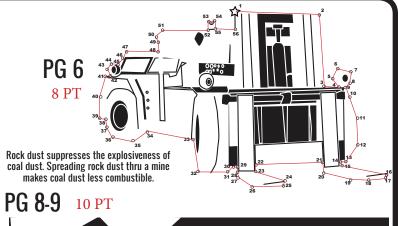
1. FACT PG 5 2. FICTION 10 PT 3. FACT 4. FACT 5. FACT

6. FACT

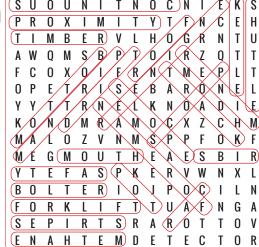
7. FACT 8. FACT

9. FACT **10. FICTION**

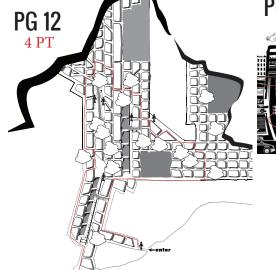
PG 7 1 PT 4080 POUNDS



PG 10 24 PT



PG 11 12 PT **PG 13**





COUNT UP YOUR POINTS

PG 14 2 PT

Additional Resources below:

WVOMHS&T Friend of Coal

West Virginia Coal Association West Virginia Office of Energy

POSSIBLE 101 POINTS

https://minesafety.wv.gov/contact-us/

https://www.friendsofcoal.org/

https://www.wvcoal.com/

https://www.energywv.org/wv-energy-profile/coal



