

2017 4th Grade AML Campaign Winners



The NDOM Team recently recruited the 2016-2017 4th grade class at Alice Maxwell Elementary School in Sparks Nevada. These young interns helped develop material to help educate other 4th graders about the dangers of abandoned mines as part of their Nevada Mining History curriculum. Students chose to present material in posters, presentations, videos, story-lines or games and gave class presentations for NDOM staff review. Winners received recognition in front of their peers and teachers. Links to winning presentations are available below. A special thanks to 4th grade teacher Tommie Katz for her input and dedication in this efforts, and a huge thank you to these young educators for spreading our AML “Stay out and Stay Alive” message!

Overall Winner: Anaie & Emma – PRESENTATION

This was very well thought out and presented. Anaie and Emma explained each hazard, defined hard words and had a clear and concise message. They also provided background information and an example of a real accident that happened in the past! Animations also kept the presentation fun! Good job!

Runner Up: Sandra Anthony Jayden - STORY BOARD with ACTIVITY

This was well thought out and written, with clear input from all members of the group. They gave a warning at the beginning set the tone for the whole thing, and also made the story into an activity for other students to engage in. They also used an AML vocabulary word bank.

Runner Up: Layla Itxaly & Giselle - PRESENTATION

This group had a great story line, with photos and history of mining. They used animations and sounds that really helped get your point across. It is clear these students did a lot of background research! The message that you ‘could’ die instead of impending doom (‘will die’) is very realistic and gets across the message that safety can save your life!



DON'T LOSE YOUR HEAD



This can happen to you



BE SAFE AROUND ABANDONED MINES



The dangers of abandoned mines

Abandoned mines contain many hazards. People and animals can be **fatally** injured or killed by these dangerous features of abandoned mines.

DANGEROUS ANIMALS

RATTLESNAKES

People bitten by rattlesnakes have accidentally stepped on them. Watch where you're walking. Rattlesnakes are large, venomous snakes found all through north/south America. Rattlesnakes bites can be very dangerous, but are very rarely fatal to humans.



BATS



Most bats eat insects while others eat fish, fruit, or **blood**. Bats contain small and extremely sharp teeth. These teeth allow them to pierce an [humans included].
Bats can have rabies, making their bites even more dangerous.

OLD EXPLOSIVES

Many abandoned mines have old explosives left there by old workers. Explosives should **never** be held by anybody how has not been properly taught to do so. Even miners that were taught to do so hesitate to hold old dynamite sticks. Old explosives and blasting caps might explode if they are stepped on or barely even tapped.



Old Ladders

Ladders in abandoned mines aren't safe. Ladders often have missing or broken steps. Some ladders will break under weight of a infant, child, or anybody. Most ladders in abandoned mines break because of dry rot.



TIMBERS

Timbers in abandoned mines can be pusillanimous [weak] from decay. Timbers that appear in good condition can collapse at the tap of a finger. A mine opening can look well-timbered and solid, but sometimes can barely hold it's own weight. A constant hazard is accidentally tapping a timber causing them to collapse.



BAD AIR

Bad air has toxic gases/poor oxygen. Toxic gases can accumulate [collect] in low places or among the ground. A human could enter these places breathing better air over the gases, but walking causes the toxin to mix in with the better air. This produces a fatal mix to breathe while going back up.



POOLS OF WATER



Many mine workers fell into deep pools of water. It is common for pools of water at the base of mine shafts. Adolph Sutro planned to build a tunnel to help with this issue in the Comstock Lode. Adolph Sutro wanted this tunnel to drain the water from the mines to the desert floors.

MINE SHAFTS

A young girl, in October of 1999, died falling into a 120 ft. deep mine shaft.

Mine shafts are one of the most common ways people and animals get hurt or perish. Even if you survive falling down the shafts it's usually impossible to get back out. Shafts are commonly covered with large piles of dirt/rocks.

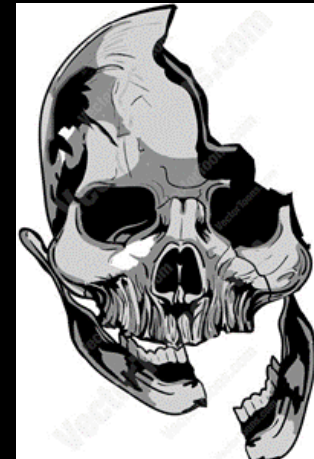


SAFETY RULES

- Call a local sheriff if you see an unfenced mine
 - Don't vandalize [it's the law]
 - Don't play around mining areas
 - Don't trespass
- Call the experts if someone falls into an abandoned mine
 - Do not steal equipment [it's the law]

Conclusion

Abandoned mines have several hazards that can potentially kill or harm anybody. These hazards include mine shafts, dangerous animals, pools of water, timbers, bad air, old ladders, and old explosives. Safety rules are to help people to STAY OUT AND STAY ALIVE !!! Don't trespass.



A Dangerous Abandoned Mine

Jake, Alex, and Dianna were walking their Dog, there Dog was chasing a lizard, the Dog was walking on a path, the path had a sign that said KEEP OUT DANGEROUS MINE Dianna kept walking and ignored the sign then she fell in the deep abandoned mine, luckily Dianna and the dog survived the ladder to the top was unstable and unsafe but Dianna tried to climb the ladder anyway but she fell back in and the dog was scared and Alex was curious so he explored until he bumped into a Lethal...Poisonous...Deadly Rattle snake! The dog tried to fight the snake but after the snake hissed the dog ran off. Jake and Dianna tried



to find the dog, but they could not find him after a while they found dangerous

Explosives Dianna wanted to play with the explosives and so so they played



did Alex with the threw saw

explosives until they heard a noise then they the explosives and they exploded then they something in the rocks it was gold ore they found out it was gold ore they got exited but they did not have anything to mine the ore so they just left the ore and started searching for Their dog, Dianna and Alex where walking after they felt something shake when they were walking rocks started to fall on them .Dianna Knew it was a cave-in Dianna was worried about the Dog she thought the rocks will fall on him so they knew the Dog was in Great Danger, so they had to go through the cave-in to rescue their dog, so the two ran as fast as they could and they past the cave-in and kept walking to find their dog. Dianna and Alex heard Jake calling for them Dianna said “We lost the dog we are trying to find him” Jake was worried about Alex and Dianna so Jake went to go find help. Jake was looking for help and he heard the dog bark

underground! So Jake was following the sound of the dog's bark. Back in the mine Dianna and Alex was still looking for the dog but then Dianna was having trouble breathing from poisonous gasses. Alex was getting worried that Dianna was going to die Dianna's throat was getting dry so Dianna wanted to drink water and Alex And Dianna found poisonous oils and Dianna drank the poisonous oils and she felt dizzy Dianna passed out and Alex was scared. And Alex was calling Jake for help, Jake heard Alex calling him Jake was in a tuff situation because it's either save his Dog or His sibling's Jake thought if he hurried he could save all of them. So Jake was on his way to save Alex and Dianna Alex was watching over for Dianna so she won't DIE!! When Jake was with Alex and Dianna Jake saw Dianna pass out Dianna said "tell Mom and Dad I LOVE THEM". Alex and Jake where crying Jake said I think I know where the dog is SO let's hurry after a few moments they heard the dog crying Alex and Jake were crying Running to get to the dog when Alex and Jake got to the dog they notice a snake bite on the side of him they tried to save him but it was to late! After that happened they left to go home. When they got home they're mom said "Where is Dianna?" Alex and Jake where crying they're Dad said "Why are you guys crying" Alex and Jake both said Dianna said TELL MOM AND DAD I LOVE THEM the mom and dad said "what are you talking about" sorry mom and dad Dianna died Alex and Jake ate dinner in silence after dinner they went to bed and prayed for Dianna.

Now kids, you know the true story of abandoned mines so if you still want to go I suppose you think twice in case you want to stay alive

In Case In emergency call Carson City 775-684-7040 or Las Vegas
702-486-4343

Written By: Sandra Anthony Jayden

Ways to stay alive from an abandoned mine

- Listen to the sign
- call the number above in case of emergency
- stay away from dangerous animals
- stay away from mines



A Dangerous Abandoned Mine

Jake Alex and Dianna walking their Dog there Dog was _____ a _____ the Dog was walking on a path the path had a sign that said KEEP OUT DANGEROUS MINE Dianna kept walking and ignored the sign then she fell in the deep _____ mine luckily Dianna and the dog survived the ladder to the top was unstable and unsafe but Dianna tried to climb the ladder anyway but she fell back in and the dog where scared and Alex was curious so he _____ until he bumped into a Lethal..._____...Deadly Rattle Snake the dog tried to fight the snake after the snake _____ the dog ran off. Jake and Dianna tried to



find the dog but they could not find him after a while they found dangerous _____ Dianna wanted to play with the explosives and so did Alex so they played with the explosives until they heard a noise then they

threw the explosives and they _____ then saw something in the rocks it was _____ found out it was gold ore they got excited but did not have anything to mine the ore so they the ore and started _____ for Their dog Dianna and Alex where



they they they just left

walking after they felt something shake when they were walking rocks started to fall on them Dianna Knew it was a _____ Dianna was worried about the Dog she _____ the rocks will fall on him so they knew the Dog was in Great _____ so they had to go through the cave-in to rescue their dog, so the two ran as fast as they could and they past the cave-in and kept _____ to find their dog. Dianna and Alex heard Jake calling for them Dianna said "We lost the dog we are trying to find him" Jake was worried about Alex and Dianna so Jake went to go find help. Jake was looking for help and he heard the dog _____

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702-486-4343

Written By: Sandra Anthony Jayden

Way's to stay alive in Abandoned Mines

1. Call the number above in case of an Emergency
2. Watch out for dangerous animals
3. Listen to the mine sign
4. Watch out where you walk



Dangerous Mine Activity

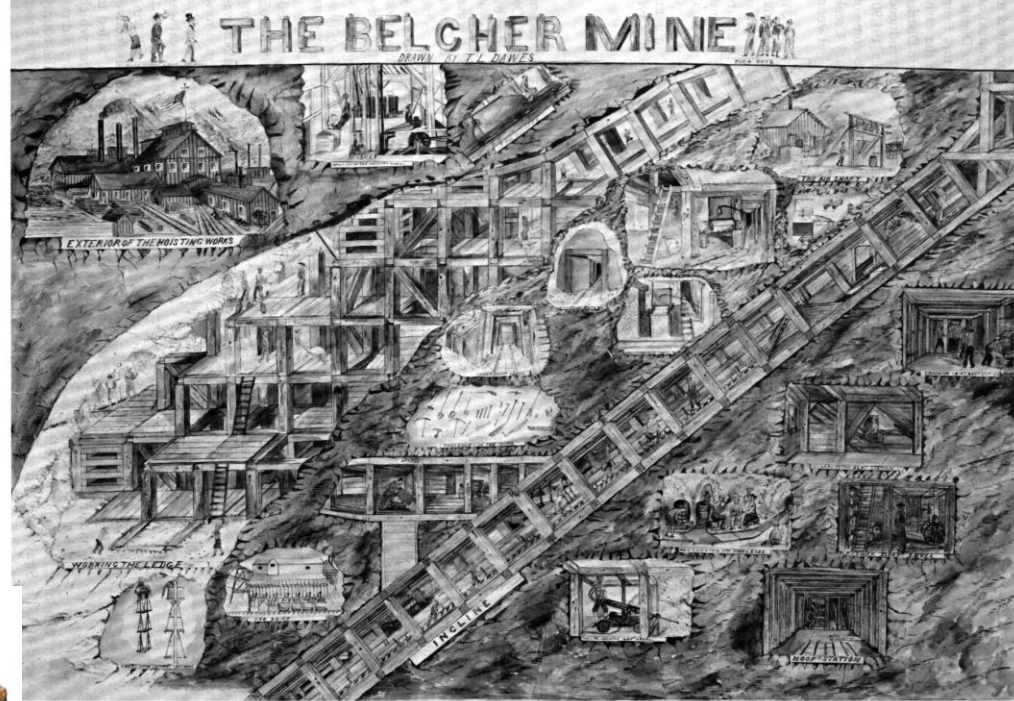
Word List

1. Chasing
2. Lizard
3. Poisonous
4. Abandoned
5. Oils
6. Explosives
7. Passed out
8. Bark
9. Cave-in
10. Hissed
11. Exploded
12. Searching
13. Gold Ore
14. Explored
15. Walking
16. There
17. Danger
18. Thought
19. Drink
20. DIE

WATCH WHERE YOU'RE GOING!!!

STAY OUT AND STAY ALIVE

The discovery of the Comstock lode in the 1850's put Nevada on the map but as the mines played out, the region slid into a period of depopulation and depression. The influx of miners and prospectors to central Nevada produced other discoveries. The Goldfield Mining District was discovered in the late 1902.



The Belcher mine, Virginia City. Photo of a water color by T. L. Dawes.



Gold Ore



Copper Ore



Iron Ore



Shale



Marble



Bluestone

SILVER ORE

COPPER

IRON

Diamonds



Turquoise



Rose Gold



**Rose
pendants**



**STAY OUT AND
STAY ALIVE !!!!!!!**

**DON'T GO INSIDE
MINES FOR YOUR
OWN GOOD OR
YOU WILL **DIE**
DIE DIE DIE !!!**

These are some animals and insects you can get bitten and poisoned in a mine.



POISONOUS

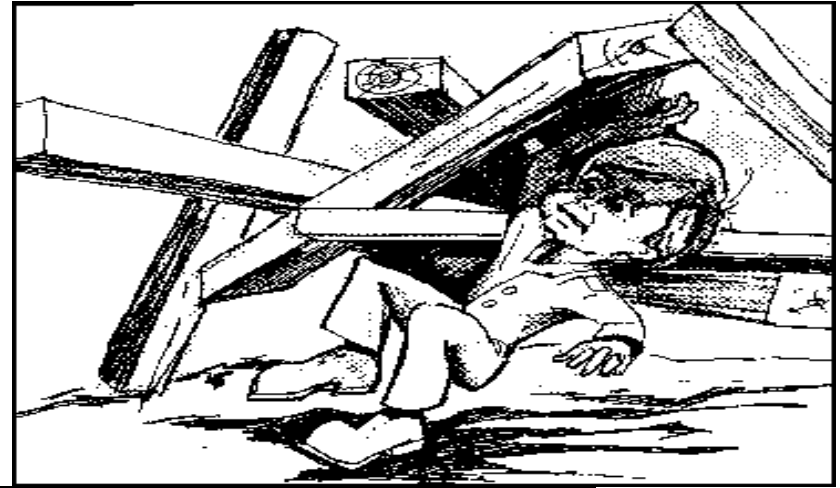


TOXIC



DANGEROUS

Cave-ins are rocks that fall because they are unstable for too long and collapse, and might hurt you or anybody.





DANGERS

- Dangerous animals
- Bad water
- Bad air
- Old explosives
- Timbers
- Blasting caps
- Drowning in bad water
- People can get injured
- People can die
- Head injures



This is a old mine.
People can get
hurt if they come
inside of a mine
so be careful .

These are some old mines that can fall on people if they come inside or fall inside. Don't lose your head!!!





Cave-ins



death



Bad air

**THESE ARE SOME THING THAT CAN HAPPEN TO
YOU IF YOU FALL INSIDE A MINE OR GO INSIDE A
MINE!!!**



These are some things that can warn people to stay out and stay alive and make people to be careful and don't go inside mines because there are explosives and dangers too .

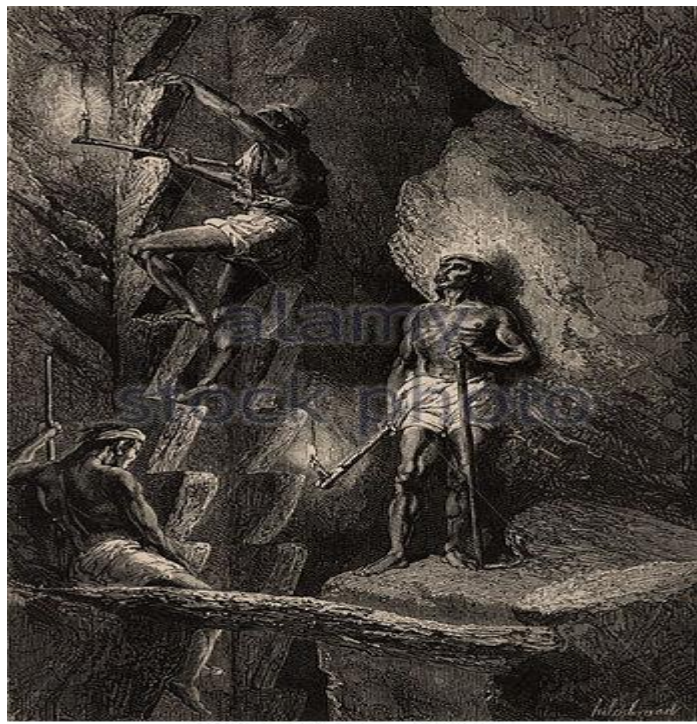


This is what can happen if you go inside a mine and there is old explosives.

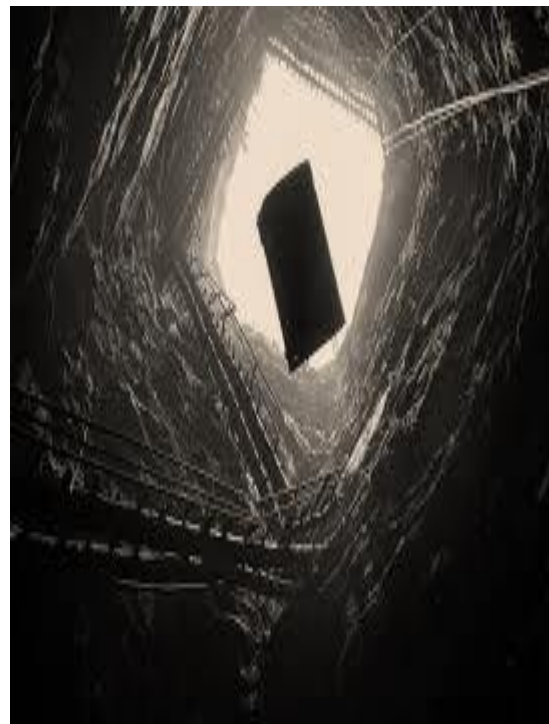




IN MINES THERE CAN BE **DANGEROUS**
TUNNELS OF **WATER**, SO IF YOU FALL
DOWN YOU CAN **DROWN** AND **DIE**.



www.alamy.com - D95M2B



THESE ARE OLD AND UNSTABLE LADDERS

Any Thing Can Happen!!!!



Dehydration



Dehydration is when your body doesn't have enough Water, in your mouth or in throat.

If you are in a mine shaft without any water, you could Or will Die...



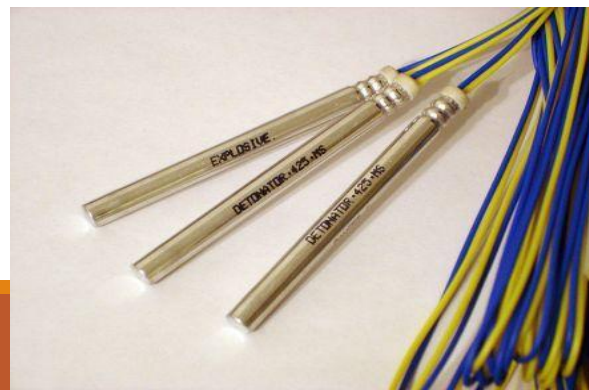
A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful and less sensitive secondary explosive such as TNT, dynamite, or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps.



YOU NEVER
KNOW WHEN
THEY'RE
AROUND.



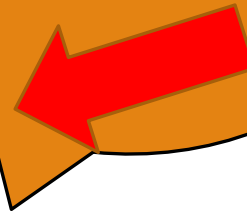
This is what can happen



**If you see someone in a mine
Don't try to get them out yourself**

**Find us to
save
yourself**

**CALL THIS
NUMBER**



Carson City :775-684-7040(phone)

Las Vegas:702-486-4343



(775) 684-7052 (fax)

400 W. King St., Ste. 106
Carson City, NV 89703

(702) 486-4343 (phone)

**And PLEASE STAY Out Stay
Alive !!!!!!!!!!!!!**

(702) 486-4345 (fax)