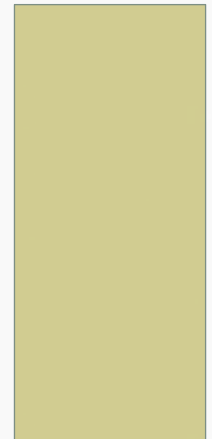




EXPLORING COAL

KINDERGARTEN-5TH GRADE



COAL SUPPLIES ELECTRICITY FOR?

- Video Games!
 - Because of Coal you can play your favorite video games such PlayStation or Xbox.
- TV!
 - Because of Coal you can watch you favorite shows.
- Computers!
 - Because of Coal you can do your homework or play your favorite computer games.



WHAT ELSE DOES COAL POWER?

- Group Project (split into teams of 3-4 of your friends)
- Let's come up with a list of some more things Coal provides for us.
 - List 3 of your favorite video games?
 - List 3 of your favorite television programs?
 - List 3 things you like to do on your computer?
 - Can you think of a list of activities that Coal powers that your group enjoys doing?



SOME FUN OHIO COAL FACTS

- Let's learn about the Coal industry here in Ohio!
- Coal creates 33,000 jobs directly and indirectly
 - Do you know any family members who work with Coal?
- Ohio ranks 11th in the country in the production of Coal.
 - Can you think of another Coal producing state?
- Coal is the most affordable and reliable way to produce electricity.
 - Can you think of any other ways we get electricity?
- Coal has low cost transportation for Ohio's electricity markets.
 - Can you think of a way we transport Coal?

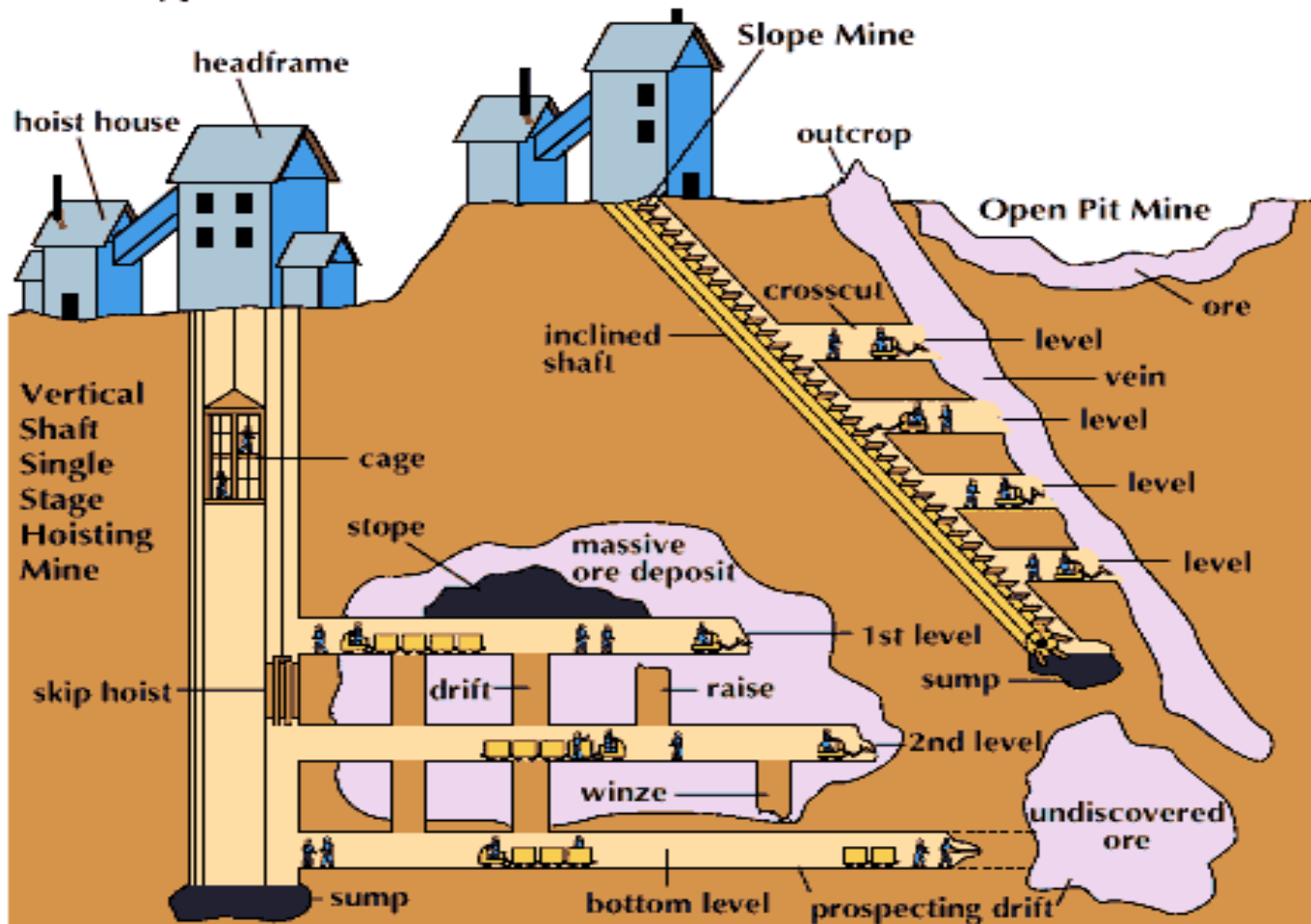
MINING COAL

- So how do we get the Coal from the ground?
- Two main types of Mining Coal:
 - Underground Mining
 - Surface Mining

Want to see some cool pictures of Underground and Surface Mining?

UNDERGROUND MINING

Some Types of Mines



UNDERGROUND MINING



UNDERGROUND MINING



UNDERGROUND MINING



SURFACE MINING



HOW COAL HELPS THE ENVIRONMENT

- The United States electric utilities have invested over \$50 Billion in clean coal technology.
- Emissions in the United States are down 40% even though coal consumption for electricity has doubled since 1970.
- Ohio is the driving force behind clean coal research and leads the nation in deployment of clean coal technologies.



WHAT WE HAVE LEARNED

- Coal gives us the affordable electricity to power our TV's, Video Games, and computers so we can have fun!
- Coal provides jobs so Moms & Dads can heat their homes and have great food on the dinner table every night!
- Coal is not only safe but is environmentally friendly constantly figuring out better ways to make our state more beautiful.

ANY QUESTIONS??



TIME FOR FUN!

We have provided these awesome Coal activity books with word search, connect the dots, and coloring!



THANKS TO OUR MEMBER COMPANIES

- B & N Coal, Inc.
- Buckingham Coal Company Inc.
- East Fairfield Coal Company
- Hopedale Mining
- Kimble Clay & Limestone
- Oxford Mining Company, LLC
- Rosebud Mining Company
- Sands Hill Mining LLC
- Sterling Mining Corporation
- The Ohio Valley Coal Company
- Waterloo Coal Company