



**WHAT IS A  
MINERAL?**



**MISSOURI  
MINES IMPACT  
YOU!**

# MINING IN MISSOURI

**ACTIVITY BOOK**



**WHY IS MINING  
IMPORTANT?**



**ROCK IS  
COOL!**

**INFRA**

SAND & STONE. MISSOURI MADE.™



**GEOLOGISTS,  
ENGINEERS + MINERS  
WORK TOGETHER TO  
EXPLORE ROCK FOR USE.**

**DRAW YOUR FACE**



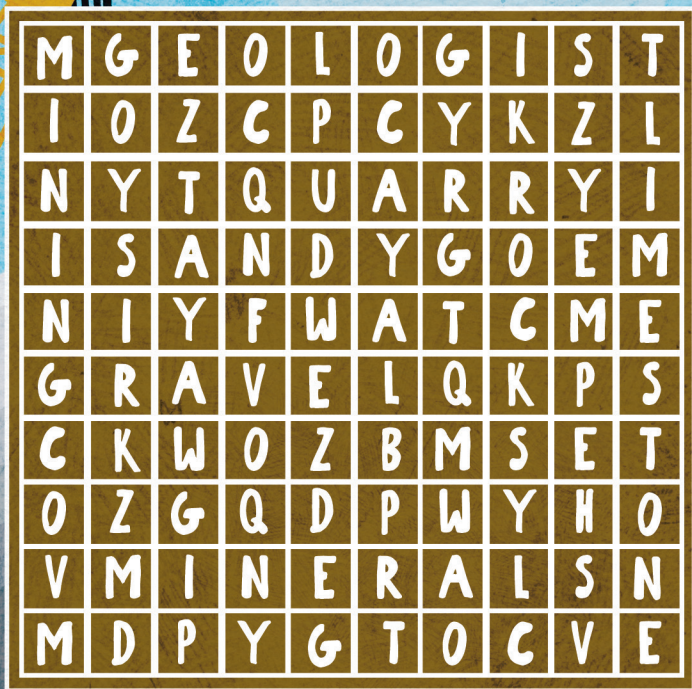
**HAVE YOU WENT  
ROCK EXPLORING?**

**DID YOU KNOW?  
ROCKS ARE CRUSHED TO MAKE  
THEM SMALLER. A QUARRY  
MINES ROCKS CLOSE TO THE  
EARTH'S SURFACE.**





# WORD SEARCH



## VOCAB AND WORD BANK:

GEOLOGIST

MINING

QUARRY

SAND

GRAVEL

MINERALS

LIMESTONE

ROCKS





**LIMESTONE IS USED TO  
MAKE HIGHWAYS,  
BRIDGES, + BUILDINGS.**

**GEOLOGISTS USE  
TECHNOLOGY TO  
FIND MINERALS.**



# MINING AND ITS USES



ROCKS ARE EXTRACTED  
(REMOVED) IN A WAY THAT  
IS SAFE FOR WORKERS  
& ENVIRONMENT.

FARMERS ALSO  
APPLY LIMESTONE FOR  
SOIL HEALTH.

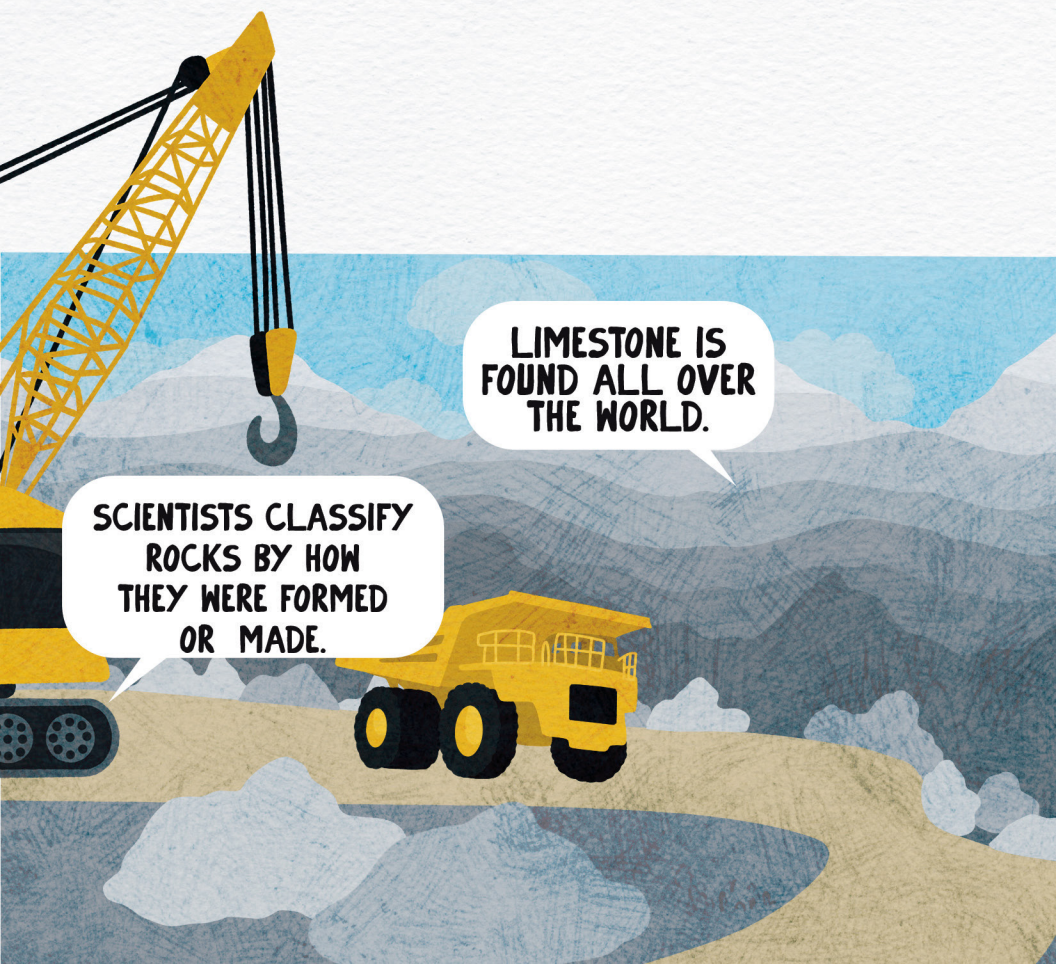
FIND THE OTHER USES OF  
LIMESTONE IN THE PICTURE:

PAINT  
GLASS  
PAPER  
FARMING

LIMESTONE IS USED TO  
MAKE HIGHWAYS,  
BRIDGES, + BUILDINGS.



**DRAW A TYPE OF ROCK YOU HAVE SEEN OR  
DISCOVERED BELOW. HOW WOULD YOU DESCRIBE IT?**







# **JOBS IN MINING**

## **DIRECTIONS:**

**FILL IN THE LETTERS TO COMPLETE THE WORDS AND  
DISCOVER JOBS IN THE MINING INDUSTRY:**

- 1. GEOL \_ G \_ ST**
- 2. SC \_ ENTIS \_**
- 3. ENGI \_ E \_ R**
- 4. \_ RUC \_ D \_ IVER**

## **DRAW A LINE TO CONNECT THE JOB WITH ITS DESCRIPTION**

**GEOLOGIST**  
**TRUCK DRIVER**  
**ENGINEER**  
**SCIENTIST**

**MINING ENGINEERS PLAN AND DESIGN  
MINES SO THAT THEY ARE SAFE.**

**A MINING GEOLOGIST COLLECTS AND  
STUDIES ROCK SAMPLES.**

**TRUCKS ARE NEEDED TO HAUL LOADS  
OF ROCK AND OTHER MATERIALS.**

**ENVIRONMENTAL AND SOIL SCIENTISTS,  
ALONG WITH MINERALOGISTS ARE ALL  
A PART OF THE MINING PROCESS AND  
STUDYING ROCKS AND MINING SITES.**





# COOL FACTS ABOUT LIMESTONE

1. LIMESTONE WAS CREATED 350-500 MILLION YEARS AGO AND FORMS THE OCEAN FLOOR.
2. MISSOURI'S STATE CAPITOL BUILDING IS MADE OF LIMESTONE.
3. THE GREAT PYRAMID IN EGYPT IS MADE OF LIMESTONE
4. LIME (CALCIUM OXIDE FROM LIMESTONE) IS FOUND IN PAPER, GLASS, AND PAINT MANUFACTURING.

The **Missouri Limestone Producers Association** (MPLA) was organized in 1944 to promote the crushed stone operators in Missouri. Now known as **INFRA**, the organization represents the interests of all crushed stone and sand producers, vital segments of the construction aggregates industry.

Learn more at [infra.com](https://infra.com).



**INFRA**  
SAND & STONE. MISSOURI MADE.™

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