

STUDENT NAME \_\_\_\_\_

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES  
ARIZONA MINING AND MINERAL MUSEUM

A JUST-FOR-FUN  
SCAVENGER HUNT for GRADES 7-12

Case #

- 1 You could look into the “eye” of this and still feel safe. \_\_\_\_\_
- 1 This snow is not so cold. \_\_\_\_\_
- 5 I’m a “flaky” kind of fella. \_\_\_\_\_
- 7 The chemical composition of calcite is \_\_\_\_\_
- 7 A bird might think that this would make great nesting material. \_\_\_\_\_
- 32 Diamonds, a lady’s best friend, is made from all natural me! \_\_\_\_\_
- 20 Only a “fool” would try to get rich off of me. \_\_\_\_\_
- 20 I’m a famous “T.V. Stone”! \_\_\_\_\_
- 42 Brushing your teeth and writing on the chalkboard would not be possible without \_\_\_\_\_.
- 41 This sedimentary rock found in Mammoth, AZ, is made of not so “mammoth” \_\_\_\_\_ shells and is called \_\_\_\_\_.
- 23 This sedimentary rock could be the “mayor” of Arizona. \_\_\_\_\_
- 30 This igneous rock “weaved” its way through mountains of Arizona. \_\_\_\_\_
- 35 A pretty cool dollar, but one you can’t spend at a local Circle K is \_\_\_\_\_
- 53 Copper aluminum phosphate hydroxide hydrate is my real name. \_\_\_\_\_
- 94 What is the mineral with a name of a howling carnivore? \_\_\_\_\_
- 88 This “pig” won’t win any ribbons at the County Fair, because it weighs \_\_\_\_\_ pounds and is made from \_\_\_\_\_.
- 89 The average weight of an anode is \_\_\_\_\_ pounds and is \_\_\_\_\_% pure copper. \_\_\_\_\_ pounds of ore are processed to make one anode.

TEACHERS’ NOTE: **PLEASE DUPLICATE** THIS FORM WITH THE ENCLOSED MAP ON THE BACK FOR YOUR STUDENTS & BRING PENCILS.

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**TEACHER'S ANSWER KEY**  
**A JUST-FOR-FUN**  
**SCAVENGER HUNT for GRADES 7-12**

**Case #**

- 1 You could look into the “eye” of this and still feel safe. Tiger's eye
- 1 This snow is not so cold. Snowflake Obsidian
- 5 I'm a “flaky” kind of fella. Muscovite Mica
- 7 The chemical composition of calcite is Calcium Carbonate (CaCO<sub>3</sub>).
- 7 A bird might think that this would make great nesting material. Actinolite
- 32 Diamonds, a lady's best friend, is made from all natural me! Carbon
- 20 Only a “fool” would try to get rich off of me. Pyrite (fool's gold)
- 20 I'm a famous “T.V. Stone”! Ulexite
- 42 Brushing your teeth and writing on the chalk board would not be possible without Calcite.
- 41 This sedimentary rock found in Mammoth, AZ, is made of not so “mammoth” Diatom shells and is called Diatomite.
- 23 This sedimentary rock could be the “mayor” of Arizona. Travertine
- 30 This igneous rock “weaved” its way through mountains of Arizona. Pegmatite.
- 35 A pretty cool dollar, but one you can't spend at a local Circle K is Pyrite.
- 53 Copper aluminum phosphate hydroxide hydrate is my real name. Turquoise.
- 94 What is the mineral with a name of a howling carnivore? Wulfenite
- 88 This “pig” won't win any ribbons at the County Fair, because it weighs 295 pounds and is made from Copper .
- 89 The average weight of an anode is 700 pounds and is 99.6% pure copper. 90,000 pounds of ore are processed to make one anode.

