Colorado River
The mighty Colorado River provides the “thrill of a lifetime” for those who brave a Grand Canyon white water river rafting trip!
grandcanyon.org
Arizona Rocks!

C W H Z U T O V S F Y C A A G B U V Q Q
P J C X Y U W F C H G W O D V A M I D Q
R R C Y H M R Z C Y G E O L O G I S T I
T M L L M O N U U F F G B X W S B A R G
D O F H D U A Q O D L Q U J T E C N S N
V T A R I Z O N A D V K Q T A D D J C E
H J Z D P C A B Z G L M J W A I B I W O
A B T N B O E P W F G A J A Q M K X G U
A K N L V P W Z P Q T G P G V E Z O R S
Q C I U P P C M B M I X V T E N H W I F
Y U N P K E Y Z T O E V C V L T B A Z A
K Q W B S R U F W L A T K D Y A A H A V
R Y O Y R P P M T V Z H A G N R B M V P
Y W L F T V C G Y T G P G M S Y E F M A
H R Q R K K E H X Q P F M A O M Y C K A
Q N O J M T U R Q U O I S E R R S L X T
Z P B C Y S W D V O L C A N I C P G O M
T O D P B S A V M I I L W E S H P I I Y
W F I B N W O K M X H G S V H B L R L C

Metamorphic    Sedimentary    Geologist    Turquoise
Volcanic       Arizona        Igneous      Rocks
Dig            Copper         

Build your own custom worksheet at education.com/worksheet-generator
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1. __________________________ Society of America.

2. Using your geologic time scale, what Era are we in? (Hint: it’s across the top) __________________________

3. What comes out of a volcano?________________________

4. What do you call a person who studies rocks?________________________

5. When the earth moves and shakes it is called an________________________.

6. How long is the Grand Canyon?______________

7. Petrified wood at Petrified Forest National Park is from the _____________ Period.

8. A person who studies fossils & prehistoric life is known as a __________________________.

9. What river flows through the Grand Canyon?___________________

10. Using your geologic time scale, in what Era do we see dinosaurs?____________________

11. Arizona produces more copper than any other state (true or false).____________________

12. The crust of the ______________________ is broken into plates that move.

13. When the moon covers the sun, it is called a solar ________________________.

14. __________________________ rocks are formed from magma or lava that has cooled and hardened. (Sedimentary, Igneous, or Metamorphic)

15. __________________________ rocks are formed from deposits of materials like sand, pebbles, gravel, and clay. (Sedimentary, Igneous, or Metamorphic)

16. __________________________ rocks are changed by heat and pressure (Sedimentary, Igneous, or Metamorphic)

Did you know Turquoise is Arizona’s state gem?
**BINGO!**

<table>
<thead>
<tr>
<th>What does “GSA” stand for?</th>
<th>Find a fossil in the Exhibit Hall and try to draw it.</th>
<th>Ask a geologist, “What do you like to research?”</th>
<th>Based on where you live, what GSA Section would you belong to?</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you were a geologist, what Division of study would you be interested in joining?</td>
<td>Find a gem or mineral in the Exhibit Hall. What is it called and what color is it?</td>
<td>Find the GSA Headquarters (HQ) booth and ask for a geologic time scale sticker!</td>
<td>Find the GSA photo opportunity area. <em>Hint, there is red carpet and a background of GSA logos to take your photo at!</em></td>
</tr>
<tr>
<td>Where will the GSA 2020 Annual Meeting be held? <em>Hint, you can find out at the GSA HQ booth.</em></td>
<td>Visit the sculpture called “Southern Exposure” at the Washington Street entrance. What are the colors of the statues?</td>
<td>Check out the Poster Hall and write down a new word from someone’s poster.</td>
<td>Ask a geologist, “What is the difference between a rock and a mineral?”</td>
</tr>
<tr>
<td>Find the Exhibit Hall. What is your favorite booth?</td>
<td>What year was GSA created? <em>Hint, you can ask a GSA staff member at the registration desk or the GSA HQ booth.</em></td>
<td>Visit the Water Harvesting Garden at the Northeast Plaza of the Convention Center and find the exhibit called “Social Invertebrates.” What animal do you see?</td>
<td>Find someone with an orange “Student Volunteer” ribbon and ask what their favorite geology class is.</td>
</tr>
</tbody>
</table>

*Hissss… Did you know the Rattlesnake is Arizona’s state reptile?*
Arizona became the 48th state of the U.S. on February 14, 1912. It is home to 31 state parks and three National Parks—Grand Canyon, Petrified Forest, and Saguaro.

Have you seen a Saguaro cactus yet? These cacti only grow in the Sonoran Desert.

Did you know Phoenix is in the Sonoran Desert? Stay hydrated by finding your way to the water bottle.
Arizona State Flower

Saguaro Cactus Blossom
"I ____________________, as a GSA Junior Geologist, promise to advance geoscience research and discovery, service to society, stewardship of Earth, and the geosciences profession."

Junior Geologist's Signature

GSA Staff Signature

Date