What is a map?

A map is a tool that shows details about an area. A map can show continents, countries, states, cities, and towns. This is a map of our country, the United States of America. Do you know where Arizona is?

The United States (with state names)

Color by Number
1-Blue (Water)
2-Red (Arizona)
3-Green (Mexico)
4-Yellow (Canada)
5-Orange (California)

(Angus on inside back cover)
Maps can help you find your way around. This is a map of the Phoenix Zoo. This map shows where the animals live in the zoo.

Activity
1: Color the path from the elephant to the rhino blue.
2: Color the path from the giraffe to the eagle yellow.
3: Circle the alligator.
4: Make a square around the your favorite animal.
5. Have you been to a zoo? __________ If so which one? ________________

https://www.phoenixzoo.org/visit/zoo-map/

(Answers on inside back cover)
Maps can also show streets, roads, and landmarks. Landmarks make a place special. This map shows special places in Arizona.

Activity
1: What 2 landmarks do you see on this map?

2: Make a circle around the Hopi Reservation

3: Make a square around the Salt River Rafting

4: Make a triangle around the Grand Canyon Railway

(Answers on inside back cover)
What is a compass rose?

A compass rose is a tool that shows north, south, east, and west on a map. A compass rose helps you find your way around a map.

Activity
1: Draw a square around the compass rose on the map.
2: What is north of the computer? ___________________
3: What is east of the sink? ___________________
4: Color the map of the classroom.

(Answers on inside back cover)
What is a map key?

A map key or a map legend is a chart that explains what the symbols mean. Look at the map key of Alvord Lake.

Activity
1: How many parking areas are in the park? ______
2: What does parking mean?

3: Draw a circle around the restrooms.
4: What does restrooms mean?

5: Draw a triangle around the handicap access.
6: What does handicap access mean?

7: Draw a square around the information stations.
8: What does information stations mean?

9: Color the library red.
10: Color the Golf Course green.

(Answers on inside back cover)
This is a map grid of a neighborhood. There are a lot of lines on this map. Each line is labeled with a letter or a number. We can use the letters and the numbers to find places on the map.

Activity
Circle the right answer. The first one has been done for you.

What is located at point B1?

What is located at point C2?

What is located at point D5?

What is located at point B4?

What is located at point C3?
In case of a fire: map your house.

Maps can help people stay safe in an emergency. We practice fire drills at school and in our homes. Fires do not happen a lot, but it is good to know what to do if there is a fire.

A fire escape plan shows all of the safe ways to exit or leave a house. The safest way to exit a house is through the doors or windows. A fire escape plan also shows an outside meeting place that is a safe place for your family to wait.

Activity

1. Color the green.

2. Put an X on your bedroom. Draw a line from your bedroom to the meeting place using the window. Draw a line from your bedroom to the meeting place using the door.
In case of a fire: map your house.

Making a map of your house and a fire escape plan can help your family stay safe in an emergency. Ask your family to help you.

Activity

1. Draw a map of your home. Show all doors and windows.

2. Mark two ways out of each room.

3. Draw on the map where smoke alarms are found using [SA].

4. Label the family meeting place outside where everyone can meet.

5. Remember, practice your plan at least twice a year!
This is a map of our world, Earth. There are 7 continents in our world.

**Continents of the World**

<table>
<thead>
<tr>
<th>Color by Continent</th>
<th>Yellow-Antarctica</th>
<th>Antarctica</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red-North America</td>
<td>Orange-Europe</td>
<td>Europe</td>
</tr>
<tr>
<td>Purple-South America</td>
<td>Black-Asia</td>
<td>Asia</td>
</tr>
<tr>
<td>Green-Africa</td>
<td>Brown-Australia</td>
<td>Australia</td>
</tr>
</tbody>
</table>

Where is your family from? Ask someone you know to help you. Write the names of the continents on the lines below.
Maps and Animals

Maps can also show where animals and plants live. This is a map of the Sonoran Desert. The Sonoran Desert stretches from California, to Arizona and Mexico. The Sonoran Desert can be very hot. It gets very little rain. A lot of animals, plants, and people call this desert home.

Activity
Can you find the Sonoran Desert on this map?

Color the Sonoran Desert green.

Look on Page 11. What is one plant that grows in the Sonoran Desert?

What is one animal that lives in the Sonoran Desert?
Animals of the Sonoran Desert

Desert Tarantula

Desert tarantulas are large spiders growing up to 4 inches long. They have eight large walking legs and two pedipalps or appendages by their mouth that are used for sensing surroundings and moving around food. On their face they have eight eyes in two tight clusters.

Tarantulas have two large fangs. The fangs are used to inject venom into prey. Although not deadly to humans, a bite can be very painful. In addition, on the spider's underbelly they have many finely barbed hairs that can be flung with the tarantula's back legs into the face of any threat. These tiny hairs can be very irritating if they stick in the eyes, nose, or mouth.

Female tarantulas can live up to 25 years, but males only live 10 to 12 years.

Desert Tortoise

Desert tortoises are well suited for life in the desert. They are able to get almost all of the water they need from the plants they eat.
This is a cactus wren. It is Arizona’s state bird. A cactus wren is brown with white and dark spots. They eat spiders, insects, and fruit. Cactus wrens make nests in spiky cactus.

Activity:
Connect the dots and color

Activity:
Help the cactus wren get to its nest.
Animals of the Sonoran Desert

Activity
Connect the dots and color.

Who am I?

Below is a description of a desert animal. Some letters are underlined. Place those letters in the spaces provided in the order they are given. Then you will know who I am.

I can be found in the Sonoran desert.
I kick sand in the face of my predators.
I dig burrows in the ground to keep me cool.
My burrow also protects me from predators.
I eat many different types of seeds.
I never need to drink water.

Who am I?
This is Arizona’s flag. The colors of Arizona’s flag are red, yellow, blue, and copper. The star is colored copper to remind us of the state’s copper mining.

1. Name something that is made out of copper. ____________________

2. Color the flag of Arizona.

3. How many red and yellow rays are there altogether? ____________________
Word Search

There are 10 hidden words. How many words can you find? These words can run from side to side or up and down. Good luck!

1. Map
2. Key
3. Legend
4. Compass
5. Landmark
6. Arizona
7. Flag
8. Desert
9. Fire
10. Escape

MAPZACDL
FLAGROEA
MEQKIMSN
NGKEZPED
FEGYOARM
INJLNSTA
RDSTASCR
ESCAPEIK
Do you know where you are in your neighborhood?

In the space to the right, draw your neighborhood.

Include your favorite places, like the park, your school, the store, and don’t forget to mark where you live.

Also include a title and legend to finish your map!
Page 2

Page 3

Page 4

Page 5

Page 6

Activity

Page 7

Page 8

Page 9

Page 10

Page 11

Page 12

Page 13

Page 14

Page 15

Page 16

Answers will vary