Mapping

On the map below, color the mountain areas brown and the desert areas yellow.

My Rock

Fill in this worksheet on your rock. Draw a picture of it in the box.

Color: ________________
Texture: ________________
Weight: ________________ (heavy/light)
Luster: ________________
Hardness: ________________
Streak: ________________
Cleavage: ________________
My Rock

Fill in this worksheet on your rock. Draw a picture of it in the box.

Color: ________________
Texture: _______________
Weight: ________________ (heavy/light)
Luster: ________________
Hardness: ________________
Streak: ________________
Cleavage: ________________
My Rock

Fill in this worksheet on your rock. Draw a picture of it in the box.

Color: ________________
Texture: ________________
Weight: ________________ (heavy/light)
Luster: ________________
Hardness: ________________
Streak: ________________
Cleavage: ________________
Color this picture of the water cycle. Can you describe the cycle using the words in the box?

- collection
- condensation
- evaporation
- precipitation

1. ________________  2. ________________
3. ________________  4. ________________
Cut out each box and glue to a paper or piece of card stock. Do you see any of these types of clouds outside?

<table>
<thead>
<tr>
<th>Cirrus</th>
<th>Cumulus</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Cirrus Photo" /></td>
<td><img src="image2" alt="Cumulus Photo" /></td>
</tr>
<tr>
<td><img src="image3" alt="Stratus Photo" /></td>
<td><img src="image4" alt="Cirrocumulus Photo" /></td>
</tr>
</tbody>
</table>
Cut out each box and glue to a paper or piece of card stock. Do you see any of these types of clouds outside?

<table>
<thead>
<tr>
<th>Stratocumulus</th>
<th>Altostratus</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Stratocumulus" /></td>
<td><img src="image2.png" alt="Altostratus" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Altocumulus</th>
<th>Cumulonimbus</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Altocumulus" /></td>
<td><img src="image4.png" alt="Cumulonimbus" /></td>
</tr>
</tbody>
</table>
Circle T for true or F for false for each of the following sentences.

A tornado destroys everything in its path. T F

Go into a large room if there is a tornado warning. T F

You will always notice a funnel before a tornado strikes. T F

The sky may be blue at the time you hear a tornado watch. T F

A tornado can throw cars and trucks into the air. T F

A tornado looks like a funnel with the fat part at the top. T F

There will seldom be lightning during a tornado. T F

A tornado may hit your home and leave your neighbor’s home alone. T F

When you hear a tornado warning, get in the car and drive as fast as you can in the opposite direction. T F

When a tornado is coming, get out of a car and go inside a house. T F
Tornadoes

Use the words from the box to fill in the blanks below.

basement  bathroom  black clouds  ditch  funnel
hail  train  warning  watch  windows

A tornado looks like a _____________.

Before a tornado, you will probably see _________________.

A tornado can sound like the roar of a _____________.

A tornado may also have thunder, lightning, rain, or ________.

A tornado ____________ means a tornado may develop later.

A tornado ____________ means a tornado has been seen.

Stay away from ____________ during a tornado.

The best place to be during a tornado is in a _____________.

If you don’t have one, the next best place is a ____________ or other small room in the center of the house.

If you are outside and see a tornado, go to a _____________.

Warning
Lightning

Circle T for true or F for false for each of the following sentences.

You usually see lightning before you hear thunder. T F

Lightning never strikes the same place twice. T F

Someone is struck by lightning every day. T F

Seek shelter under a tree if there is lightning. T F

Stay away from metal when there is lightning. T F

Lightning storms can occur in any season, but are most common during the spring and summer months. T F

During a lightning storm, be sure to call your friends to make sure they are safe. T F

When you see the sky light up, but don’t see bolts of lightning, the storm has passed. T F

Always use an umbrella to protect yourself from lightning. T F

In a storm, stay by the window so you can watch for lightning strikes. T F
Lightning

Use the words from the box to fill in the blanks below.

- electricity
- fire
- lightning
- path
- phone
- shelter
- tallest
- thunder
- tree
- water

Lightning and ____________ occur together.

Unless there’s an emergency, don’t use a ____________.

Lightning hits the ____________ objects.

When lightning strikes, it can start a deadly ____________.

Lightning will always take the shortest ____________.

When lightning strikes a ____________ it can cause an explosion when it heats up the sap.

Stay away from ____________ during lightning.

Lightning is ____________.

About 100 people die each year due to ____________.

Never seek ____________ from lightning under a tree.
Hurricanes

Circle T for true or F for false for each of the following sentences.

If a hurricane is in the forecast, flashlights, batteries, and a radio are good to have.  

Hurricanes usually form over land.  

Hurricanes come up suddenly with little warning.  

Seek shelter under a tree if there is a hurricane.  

The center of a hurricane is called its eye.  

Putting tape on the windows is more effective than boarding them up.  

Storm surge is an extreme high tide.  

In a big storm, winds can reach over 150 mph.  

A hurricane watch means the storm is within 3 days of hitting.  

The planes that fly into hurricanes for measurements of the storm are called Hurricane Hunters.
Hurricanes

Use the words from the box to fill in the blanks below.

<table>
<thead>
<tr>
<th>eye</th>
<th>hundreds</th>
<th>indoors</th>
<th>inland</th>
<th>moving</th>
<th>NOAA</th>
<th>surge</th>
<th>trees</th>
<th>warning</th>
<th>watch</th>
</tr>
</thead>
</table>

There are over 800 ____________ Weather Radio stations to warn you about hurricanes.

A hurricane ____________ means the storm is expected to make landfall in the next 2 days.

A hurricane ____________ means the storm is expected to strike near you with 73 mph or higher winds.

The wind from hurricanes can blow down ________.

Stay ____________ during a hurricane.

The calm center of a hurricane is called the ____________.

If you live near the coast, you should head ____________.

The air around us is always ____________.

Storm ____________ can cause tides 25 feet higher than normal!

Flooding can occur ____________ of miles from the coast.
Winter Storms

Circle T for true or F for false for each of the following sentences.

A winter storm watch means the storm is coming soon.  

If your car gets stuck in the snow you should leave it.  

Mittens are warmer than gloves.  

Wind chill is the measure of the air temperature.  

Snow storms can happen any time of the year.  

Kitty litter is a good thing to keep in your car in the winter.  

Turn the lights off if you’re stuck in your car at night so your battery doesn’t die.  

If you’re trapped in your car, move around as much as possible to keep yourself warm.  

Keep some bright clothes in your car so if you get stuck in the snow you can stand beside your car and be seen.  

Extra blankets should be in your car during the winter.
Winter Storms

Use the words from the box to fill in the blanks below.

antenna  inside  layers  mouth  poisoning
snowdrift  temperature  warning  watch  winter

Wearing ___________ in the winter will keep you warmer.

A winter storm __________ means a cold storm is possible.

A winter storm ______________ means a cold storm is on the way.

If your car gets stuck, a bright colored cloth on the car’s __________ can help you be seen.

Be sure to crack your car windows while your engine is running to avoid carbon monoxide ______________.

Snow storms and blizzards generally occur in ____________.

Wind chill is actual ______________ combined with wind.

Your car can get stuck in a ____________.

Wear a hood that covers your ____________.

If at all possible, stay ______________.
Follow the online directions to record the temperature over the next five days.
Weather Symbols

You can use these symbols to help show the weather conditions for the day while you record the daily temperature. Cut out the symbol or symbols you want to use and glue them to the day’s thermometer.
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
South

Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Choose the map that contains your state. Follow the directions in the online course to make a weather map.

Adapted from: https://freevectormaps.com/united-states/US-EPS-01-1002?ref=atr
Weather Word Search

Find the words from the bottom in the puzzle below. Words can be found any direction, including diagonally.

Blizzard  Forecast  Lightning  Storm
Cloud      Freeze   Pressure  Temperature
Cold       Hail     Rain      Thunder
Drizzle    Heat     Season   Tornado
Fog        Hot      Snow     Wind
Mapping

Draw the rivers on the map following the instructions in the online course.

Find the big dipper in this picture. If you want to, take this page outside tonight and use it to try to find the Big Dipper in the sky.
Use these pages to make notes on your topic.

**Topic:**

**Resource 1:**

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

**Resource 2:**

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

**Resource 3:**

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

**Resource 4:**

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________

Info: ___________________________  Info: ___________________________
Resource 5: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________

Resource 6: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________

Resource 7: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________

Resource 8: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________

Resource 9: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________
Info: ____________________________  Info: ____________________________