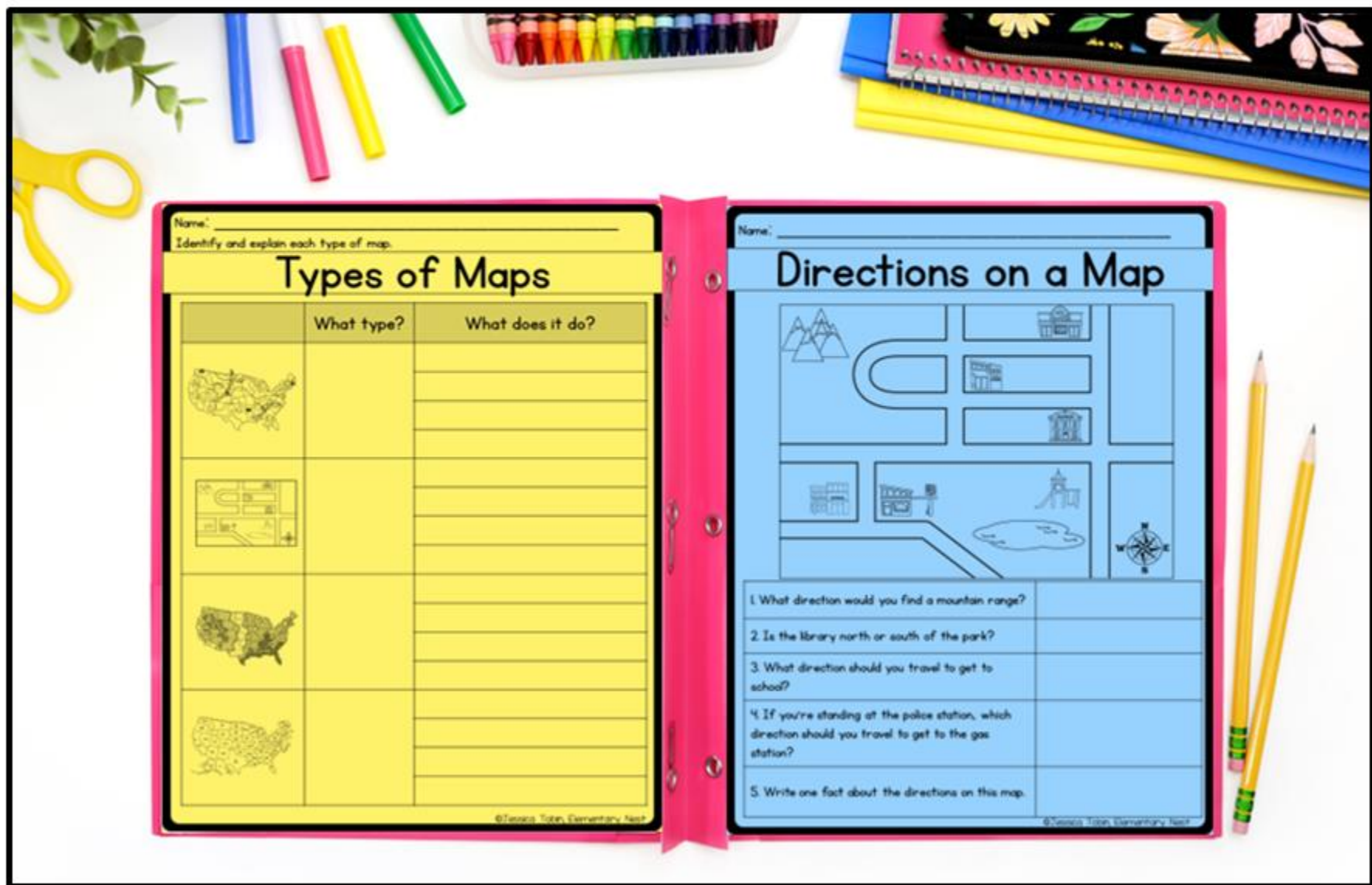






Map Skills Unit



Name: _____

Identify and explain each type of map.


Types of Maps

	What type?	What does it do?
		
		
		
		

©Jessica Tobin, Elementary Nest

Name: _____

Directions on a Map



1. What direction would you find a mountain range?
2. Is the library north or south of the park?
3. What direction should you travel to get to school?
4. If you're standing at the police station, which direction should you travel to get to the gas station?
5. Write one fact about the directions on this map.

©Jessica Tobin, Elementary Nest

What Teachers Have Said...



"I thought this bundle was a GREAT way to teach many map concepts to second graders! I doubled sided a paper with the reading introduction to each map concept, then put a more hands on activity on the back. There were more resources in there than I could have used and had printed as a "just in case"."

"My students used this map activity through the week we were studying maps. I loved the variety of maps presented. My kids enjoyed working on the maps digitally."

"Thanks to this resource my students now have an explicit understanding of different types of maps. A great addition to any maps unit!"

Topics Covered

This Map Skills unit is intended to be used as a supplemental resource for your social studies unit.

Topics Covered:

- Maps and Keys
- Reading a Map
- Directions
- Using a Grid
- Types of Maps

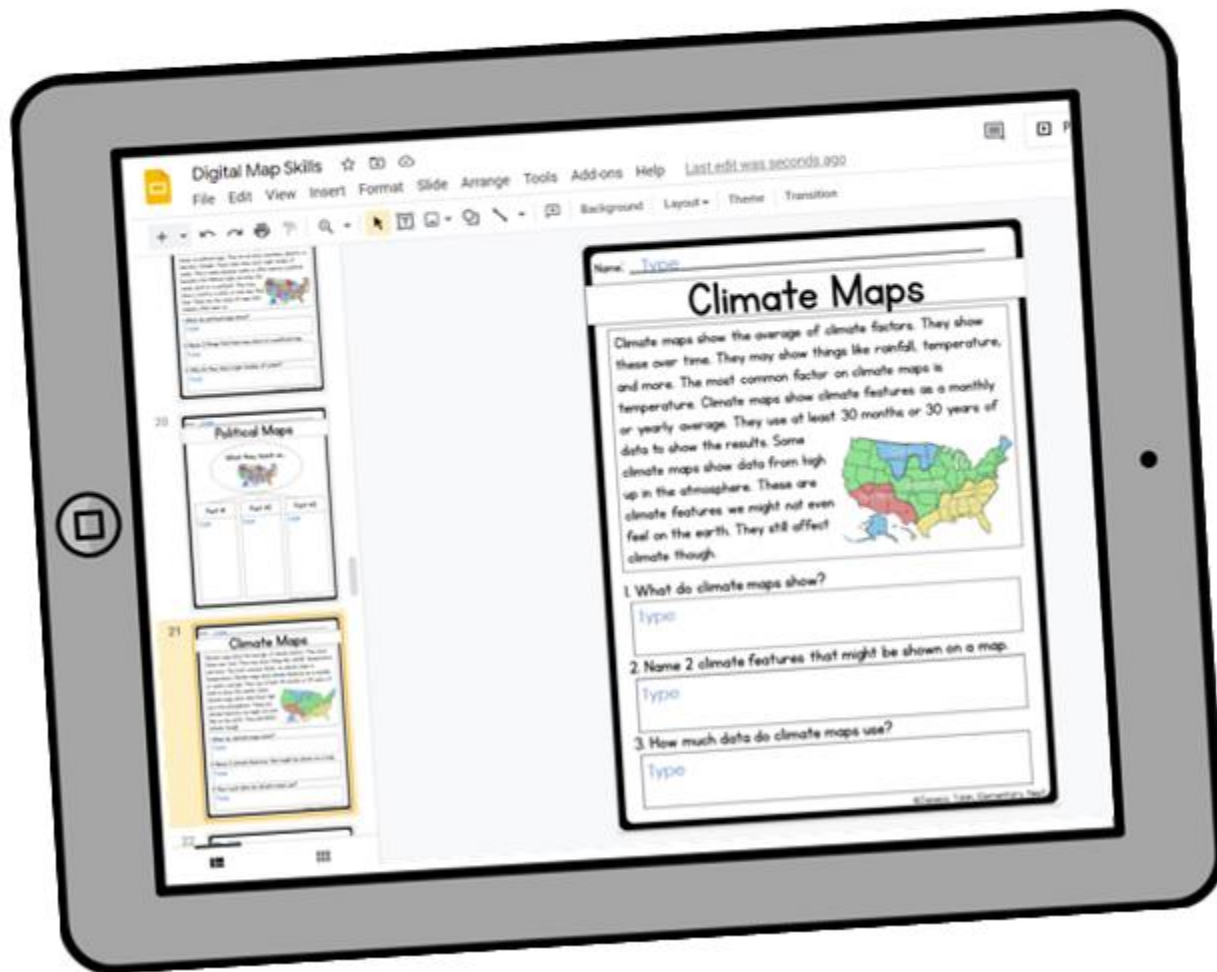
Types of Resources Included:

- KWL charts
- Passages
- Comprehension worksheets
- Fact writing worksheets
- Cut and glue worksheets



Digital Conversion

The passages and worksheets have been digitally converted to Google Slides.



All About Maps

Name: _____

Maps

What I Know	What I Want to Know
-------------	---------------------

Name: _____

What is a Map?


A map is an object that shows where places are and how to get to different places. Maps usually show an area of land. They show things that are not land. Some maps show countries and towns. Other maps may show smaller places such as parks and buildings. Some maps can even be imaginary, created by you! Maps can be shown on paper, on a globe, digitally, or in many other ways. Long ago, maps used to be relied on to get everywhere. Road signs make traveling much easier now. Maps are still commonly used when traveling, even if it is on a cell phone using GPS.

1. What is a map?
2. Name 3 ways to view a map.

Name: _____

What is a Map?

Maps




Fact #1	Fact #2	Fact #3

Name: _____

What is a Map Key?

There are many different types of maps. Many of them have symbols on them. The symbols will be located in the area where they apply. Maps with symbols will also include a key, or legend. A key shows all of the symbols on the map and gives a description of what each symbol means. This is usually located next to the symbol. When reading a map, the key will help the viewer know what each symbol means. On the map shown, you can see that the tree means that a park is across the road from the hospital.




1. What do the symbols on a map do?
2. Where are symbols located?

Name: _____

Reading a Map

Write three things you can learn from this map.




1. What do the symbols on a map do?
2. Where are symbols located?

Name: _____

Reading a Map

Write three things you can learn from this map.




1. What do the symbols on a map do?
2. Where are symbols located?

Name: _____

Directions on a Map

Accurate maps will usually have a compass rose. A compass rose is the design. It shows which way the cardinal directions point. The four cardinal directions are north, south, east, and west. It may also show more directions than just the four cardinal directions. On most maps, north will be to the top of the map. East will be to the right. South will point toward the bottom. West will point to the left.



1. What is a compass rose?
2. Name the four cardinal directions.
3. Which part of the map does north usually point to?

Name: _____


Directions on a Map



southeast	northeast	north
west	south	east

Name: _____


Directions on a Map



1. What direction would you find a mountain range?
2. Is the library north or south of the park?
3. What direction should you travel to get to school?
4. If you're standing at the police station, which direction should you travel to get to the gas station?
5. Write one fact about the directions on this map.

Name: _____

Directions on a Map




1. Is the market east or west of the fire station?
2. What is the most eastern place on this map?
3. What can be found along the entire southern strip of this map?
4. If you're standing at the fire station, what direction should you travel to get to the post office?
5. Write one fact about the directions on this map.

Map Grids

Name: _____

Using a Map Grid

A map grid is a type of map that shows locations with vertical and horizontal lines. Another name for this is a coordinate grid. Sometimes, they have letters and numbers along the outside. This may make it easier to read the map. The map reader looks at the letters and numbers to line up where a landmark is. For example, on the map shown, you might tell someone that the park can be found at the B1 location on the map. These types of maps can help with smaller places, such as parks and areas in a city.



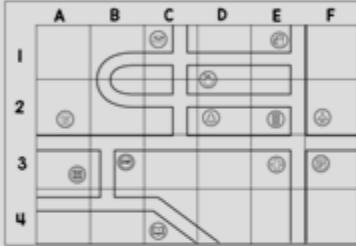
1. What is a map grid?

2. Why are there numbers and letters on the map?

3. Identify where the stores and the pizza place are located.

Name: _____

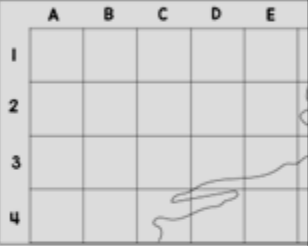
Using a Map Grid



Write where you can find each location.

Name: _____

Using a Map Grid



Draw these on your map.



	Airport D, E		Forest A, B		Park C, D
	Mountains A		Gas Station E		School B, C
	River A, B, C		Hospital C		Pizza Place D, E

Write one fact about this map.

Write another fact about this map.



Name: _____

Make Your Own Map




Name: _____

Make Your Own Map



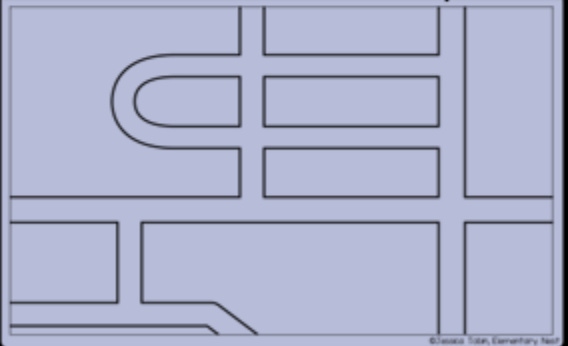
Name: _____

Make Your Own Map



Name: _____

Make Your Own Map



Types of Maps

Name: _____

What is a Globe

A globe is a sphere that is a map. A globe uses the entire world. However, a globe does not have a flat surface like a paper map. Globes are round, it accurately shows the dimensions of the world. A globe is not a flat surface like a paper map. Globes are very old. The oldest globes are over 2,000 years old. The oldest globes that still survive show stars and outer space.

1. What is a globe?

2. Name 2 things a globe can represent.

Name: _____

Globes

True False



Globes were invented in the last 50 years.

A globe is cube shaped.

Globes accurately show dimensions.

A globe must be round.


The oldest globes are over 2,000 years old.

A globe is a sphere.

Name: _____

Physical Maps

Physical maps are a common type of map. Physical maps are designed to show features of geography. Commonly shown features are mountains, deserts, bodies of water, and more. Physical maps often provide extra information about the physical features. They may list the height of mountains. They could show the depth of rivers or how much total water a lake has. These maps usually use green and brown colors for land. The colors show changes in elevation. The most important political boundaries are usually shown. The boundaries do not have much detail.



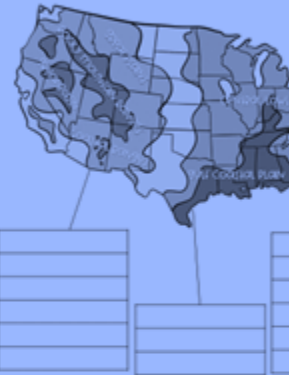
1. What do physical maps show?

2. Name 3 commonly shown features on a physical map.

Name: _____

Physical Maps

Write three things you can learn from this United States physical map.



1. _____


2. _____

3. _____

Name: _____

Political Maps

Political maps are the most common type of map in schools. These maps feature political boundaries on the map. There are lines for countries, states, and more. Major cities are often shown on political maps. They do not show mountains, deserts, or elevation changes. These maps show some major bodies of water. This is mainly because water is often used as a political boundary line. Political maps can show the whole world or a continent. They may show a country, a state, or even less than that. These are the types of maps that children often learn on.



1. What do political maps show?


2. Name 3 things that lines may show on a political map.

3. Name 2 major bodies of water?

Name: _____

Political Maps

What they teach us



Fact #1 _____

Fact #2 _____

Name: _____

Write three things you can learn from this United States political map.

1. _____

2. _____

3. _____

Name: _____

Climate Maps



1. _____

2. _____

3. _____

Name: _____

Climate

Climate maps show the average of climate over time. They may show the temperature and more. The most common factor is temperature. Climate maps show data from high up in the atmosphere. These are climate features we might not even feel on the earth. They still affect climate though.

1. What do climate maps show?


2. Name 2 climate features that maps show.

3. How much data do climate maps use?

Name: _____

Climate Maps

Write three things you can learn from this United States climate map.



1. _____

2. _____

3. _____

Name: _____

Climate Maps

True False



They use at least 30 months or years of data.

The most common factor is rainfall.

They show the average of climate factors.

They only need 2-3 years of data.

They show the weather at that moment.

They can show rainfall, temperature, and more.

The most common factor is temperature.

Climate maps only show air pressure.

Types of Maps

Weather Maps
Name: _____
Write three things you can learn from this United States weather map.

Weather Maps
Name: _____
Weather maps can be commonly seen on the news. They are used by weather forecasters to show the current temperature, rainfall, wind, and more. Unlike other maps only reference one point in time. They also show the daily high and low temperatures for a certain area. They can also show multiple isotherms. Isotherms are lines of equal temperatures so that patterns can be seen. Regions can be grouped by what temperatures they will have. Weather maps have been around for over 150 years!

1 Name 2 things you might see on a weather map.

2 How are weather maps different from other maps?

Weather Maps Vs. Climate Maps
Name: _____
Compare and contrast weather maps and climate maps.

Weather Maps

Both

Resource Maps
Name: _____
Resource maps show where natural resources are located. They show resources like oil, corn, wood, gold, copper, and more. They can also show how much of one type of resource is in a certain area. They can also show multiple resources in a certain area. It is important for governments to have resource maps. They need to always know what natural resources are around. They are used to set up roads and other forms of transportation. It helps make moving these resources easier.

1 What do resource maps show?

2 Name 3 natural resources that might be found in your state.

Resource Maps
Name: _____
Write three things you can learn from this United States resource map.

Resource Maps
Name: _____
Make your own resource map.

Road Maps
Name: _____
Road maps are the most commonly used maps. They help people find their way from one place to another. GPS apps use road maps. They help people find their way. Road maps show streets, highways, and more. They usually include political boundaries. They can have cities and towns on them. They have important places like airports, post offices, and schools. Road maps are important. They help people get somewhere in the least amount of time. GPS helps even more because it can let someone know about traffic issues.

1 Name 3 things road maps show.

2 What else can be found on a road map?

3 Why are road maps important?

Types of Maps
Name: _____
Identify and explain each type of map.

Map Type	What type?

Types of Maps
Name: _____
Identify six facts about different types of maps.

Maps
Name: _____
Write an informational magazine article about maps.

Draw a picture of a map.

Road Maps
Name: _____
True False

Road maps often show important places.	They show streets, highways, and more.	GPS is not a helpful tool.
GPS can let people know about traffic.	Road maps are the most common kind of map.	Road maps only show major bodies of water.
	Road maps rarely show important places.	

Types of Maps
Name: _____
Identify six facts about different types of maps.

Maps
Name: _____
Write an informational magazine article about maps.

Draw a picture of a map.

Road Maps
Name: _____
True False

Road maps often show important places.	They show streets, highways, and more.	GPS is not a helpful tool.
GPS can let people know about traffic.	Road maps are the most common kind of map.	Road maps only show major bodies of water.
	Road maps rarely show important places.	