Weekend Weather Forecast Project

Bladensburg, MD Weekend Weather
8:51 am EDT

DAY	HIGH/LOW	DESCRIPTION	PRECIP
THIS WEEKEND, 7/06			
TODAY JUL 6	83°F|61°	Scattered Thunderstorms	50%
SAT JUL 7	80°|58°	Partly Cloudy	0%
SUN JUL 8	83°|60°	Sunny	0%

Name:

Weekend Weather Forecast Project Overview:

By the end of this project, you will have created the following items:

- Weather Data Table

- Weather Data Bar Graph

- Weekend Weather Data Bar Graph

- Weekend Weather Forecast Presentation

YOUR PERSONAL WEATHER REPORT

Module 1: What's the weather like today?									
	Beginning △		Developing ☐		Expanding ○		Bridging ◇		Reaching ☆
Language (LANG): *Writing*	1	1.5	2	2.5	3	3.5	4	4.5	5
Social Emotional (SEL): *Responsible Decisions*	1	1.5	2	2.5	3	3.5	4	4.5	5

Let's learn the

Days of the Week

Day 2

New Words

today	before	Today is...
tomorrow	after	Tomorrow will be ...
yesterday	birthday	Yesterday was ...
day	sunny	My birthday is in ...
week	windy	
month	snowy	
hot	cloudy	
cold	rainy	
now		
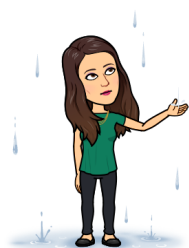
Useful Sentence Starters

When is your birthday?
My birthday is in _____ (month).
_____ (month) has **more** birthdays **than** _____.
_____ (month) has **less** birthdays **than** _____.

12 Months of the Year LOTTY LEARNS

Write the months of the year.

January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

THE DAYS OF THE WEEK AND THE MONTHS OF THE YEAR

Can you color the days in red and the months in blue?

Sunday	July	April	Saturday	January
October	August	Thursday	June	Tuesday
Friday	December	May	Wednesday	March
September	Monday	February	November	

Now can you write the days of the week in the correct order?

What days make up the weekend? *The days of the weekend are _____ and _____.*

_____

What day is it today? *Today is _____.*

_____

What day is it tomorrow? *Tomorrow is _____.*

_____

What day was it yesterday? *Yesterday was _____.*

_____

Can you write the months of the year in the correct order?

What month is this month? *This month is _____.*

_____

What month is next month? *Next month is _____.*

_____

What month was last month? *Last month was _____.*

_____

When is your birthday? *My birthday is _____.*

_____

Day 3

New Words

odd	degrees	Today is...
even	more	Tomorrow will be ...
temperature	less	Yesterday was ...
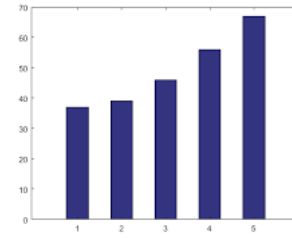
Directions:

Use the T-chart below to record data from our Human Bar Graph.

Category	Number

Useful Sentence Starters

_____ has more than _____.
_____ has less than _____.

1	one	11	eleven
2	two	12	twelve
3	three	13	thirteen
4	four	14	fourteen
5	five	15	fifteen
6	six	16	sixteen
7	seven	17	seventeen
8	eight	18	eighteen
9	nine	19	nineteen
10	ten	20	twenty

And for an extra challenge . . .

Numbers in English

Woodward ENGLISH

0 zero	10 ten	20 twenty	30 thirty
1 one	11 eleven	21 twenty-one	31 thirty-one
2 two	12 twelve	22 twenty-two	32 thirty-two
3 three	13 thirteen	23 twenty-three	33 thirty-three
4 four	14 fourteen	24 twenty-four	34 thirty-four
5 five	15 fifteen	25 twenty-five	35 thirty-five
6 six	16 sixteen	26 twenty-six	36 thirty-six
7 seven	17 seventeen	27 twenty-seven	37 thirty-seven
8 eight	18 eighteen	28 twenty-eight	38 thirty-eight
9 nine	19 nineteen	29 twenty-nine	39 thirty-nine
40 forty	50 fifty	60 sixty	70 seventy
41 forty-one	51 fifty-one	61 sixty-one	71 seventy-one
42 forty-two	52 fifty-two	62 sixty-two	72 seventy-two
43 forty-three	53 fifty-three	63 sixty-three	73 seventy-three
44 forty-four	54 fifty-four	64 sixty-four	74 seventy-four
45 forty-five	55 fifty-five	65 sixty-five	75 seventy-five
46 forty-six	56 fifty-six	66 sixty-six	76 seventy-six
47 forty-seven	57 fifty-seven	67 sixty-seven	77 seventy-seven
48 forty-eight	58 fifty-eight	68 sixty-eight	78 seventy-eight
49 forty-nine	59 fifty-nine	69 sixty-nine	79 seventy-nine
80 eighty	90 ninety		
81 eighty-one	91 ninety-one		
82 eighty-two	92 ninety-two		
83 eighty-three	93 ninety-three		
84 eighty-four	94 ninety-four		
85 eighty-five	95 ninety-five		
86 eighty-six	96 ninety-six		
87 eighty-seven	97 ninety-seven		
88 eighty-eight	98 ninety-eight		
89 eighty-nine	99 ninety-nine		

LARGE NUMBERS © Woodward English

100 one hundred	1,000 one thousand
101 one hundred and one	2,000 two thousand
200 two hundred	10,000 ten thousand
300 three hundred	100,000 one hundred thousand
400 four hundred	1,000,000 one million
500 five hundred	10,000,000 ten million
600 six hundred	**123,456,789**
700 seven hundred	one hundred and twenty-three million,
800 eight hundred	four hundred and fifty-six thousand,
900 nine hundred	seven hundred and eighty-nine.

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Day 4

20 Questions

Examples of Questions to Ask:

Is the number odd?
Is the number even?
Is the number more than 10?
Is the number less than 15?

New Words

spring	boots	swimsuit
summer	scarf	jeans
fall	gloves	pants
winter	hat	sunglasses
hot/hotter/hottest	coat	sandals
cold/colder/coldest	jacket	flip flops
warm	hoodie	shorts
cool	umbrella	We wear . . .
greater than	raincoat	
less than	sweater	

What month is it?	What season is it?	How is the weather?	What do you wear?	What can you do?
1 – J _____ 2 – F _____	It is _____.	It is _____ and _____.	I wear _____ and _____.	I can _____ and _____.
3 – M _____ 4 – A _____ 5 – M _____	It is _____.	It is _____ and _____.	I wear _____ and _____.	I can _____ and _____.
6 – J _____ 7 – J _____ 8 – A _____	It is _____.	It is _____ and _____.	I wear _____ and _____.	I can _____ and _____.
9 – S _____ 10 – O _____ 11 – N _____	It is _____.	It is _____ and _____.	I wear _____ and _____.	I can _____ and _____.
12 – D _____	It is _____.	It is _____ and _____.	I wear _____ and _____.	I can _____ and _____.
April, August, December, February, January, July, June, March, May, November, October, September	summer, winter spring, autumn	hot, cold, cool, warm rainy, sunny, windy, snowy	a hat, an umbrella, sunglasses a shirt, a jacket, a coat, a raincoat shorts, pants, a dress, a skirt shoes, boots, flip flops, ice skates	fly a kite, go swimming, ride a bike, build a snowman go roller skating, climb a tree, ride a sled, eat ice cream

Day 5

New Words

high	data	Today is hotter than . . .
low	table	Today is cooler than . . .
Fahrenheit	bar graph	The hottest day is . . .
Celsius		It is _____ because . . .

Useful Sentence Starters

There are more _____ than _____.
The warmest/coolest/hottest day is _____.
_____ and _____ have the same _____.
It is warmer/cooler/hotter on _____.
It is _____ because _____.

Let's make a Bar Graph!

Directions: Look at the **data** in the **table** below. Use the **data** to create a **bar graph.**

Weather Report

Date	Day of the Week	Weather	Temp. High	Temp. Low	Rainfall
June 26	Monday	Sunny	85	65	0
June 27	Tuesday	Sunny	87	66	0
June 28	Wednesday	Cloudy	83	62	0
June 29	Thursday	Rainy	80	54	½
June 30	Friday	Sunny	89	59	0

Legend
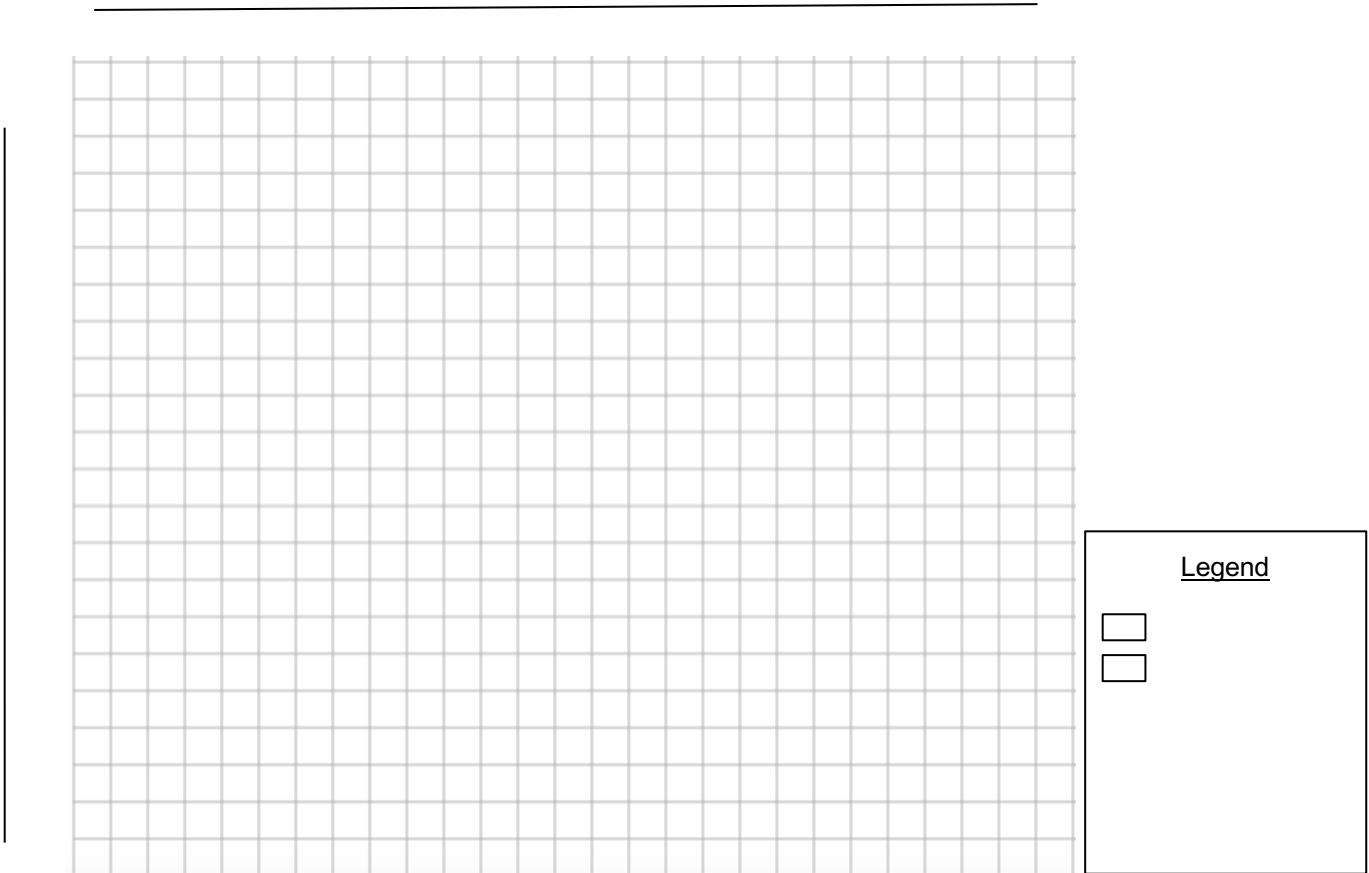
Station 1 - Make a Bar Graph

Directions:

Use the Classroom Weather Data to create a **bar graph**. Include:
- Temperature Highs
- Temperature Lows
- Data from each day starting on July 23rd.
- Use 2 different colored pencils (one for high and one for low temperatures)

Legend

Station 2 - Describing Weather

Directions △ □

Use the **table** and the **Word Bank** to answer the questions about weather for a 2-week period of time.

My Weather Report

Date	Day of the Week	Weather	Temp. High	Temp. Low	Rainfall
June 25	Monday	Sunny	85	65	0
June 26	Tuesday	Sunny	87	66	0
June 27	Wednesday	Cloudy	83	62	0
June 28	Thursday	Rainy	80	54	½
June 29	Friday	Sunny	89	59	0
June 30	Saturday	Sunny	93	64	0
July 1	Sunday	Sunny	95	65	0
July 2	Monday	Sunny	98	67	0
July 3	Tuesday	Rainy	85	60	1
July 4	Wednesday	Rainy	81	61	½
July 5	Thursday	Cloudy	82	63	0
July 6	Friday	Sunny	86	64	0
July 7	Saturday	Cloudy	83	64	0
July 8	Sunday	Cloudy	84	65	0

Word Bank

sunny   cloudy   rainy   warmer   cooler   more   fewer

1. On June 30 the weather was _____.
2. It was _____ on July 4 **than** on July 3.
3. There are _____ rainy days **than** sunny days.

Station 2 - Level Up 🔺

Directions ☐ ○
Use the **table** above and the **Language Function** information to answer the questions about weather for a 2-week period of time.

Language Function: *Compare & Contrast*

| Signal Words by Difficulty Level		
Beginner △	**Intermediate ☐**	**Advanced ○ + ◊**
Compare: **Like** **Both** **Likewise** **Similar/Similarly** **Also** **Contrast:** **But** **However** **Unlike** **Yet** **While** **Difference/Different** **_er, _est, than**	**Compare:** **Are similar because** **Have in common** **Despite** **As well as** **The same as** **In the same way** **Contrast:** **Although** **Even though** **In contrast** **Compared to** **On the other hand** **Differences between**	**Compare:** **Just as** **Shared attributes** **By the same token** **Contrast:** **By comparison** **Whereas** **As opposed to** **Conversely** **A distinction between**

1. What was the weather like on June 30th? *(The weather was …)*

2. Contrast the temperature of July 4 to July 3. *(It was _____ than …)*

3. Contrast the number of rainy days to sunny days. *(There are _____ rainy days than ….)*

Station 3- Compare and Contrast 2 Cities

Directions:

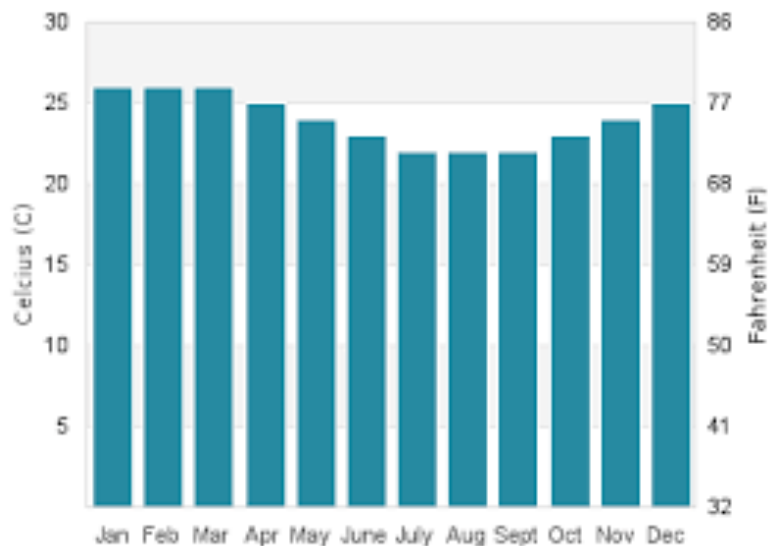Look at the two **temperature bar graphs**. Use the **data** from the graphs to answer the questions.

Graph A
Sochi, Russia
Average Temperature by Month

Celcius (C) / Fahrenheit (F)

Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec
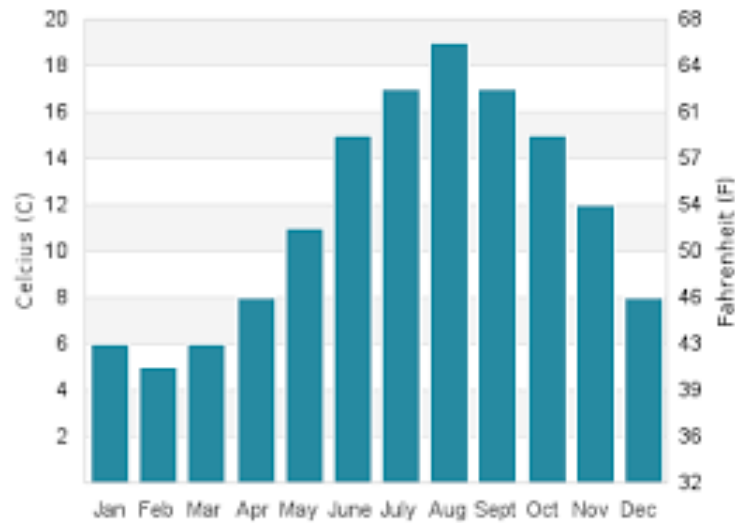
Graph B
Rio De Janeiro, Brazil
Average Temperature by Month

Celcius (C) / Fahrenheit (F)

Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec

Directions △ ◻

Use the word bank and the **bar graphs** to answer the questions.

Word Bank

warmer	colder	warmest	coldest

1. In Sochi, Russia, August is the _____ month of the year.
2. In Rio De Janeiro, August is one of the _____ months of the year.
3. The _____ three months of the year in Sochi are January, February, and March.
4. The _____ three months of the year in Rio de Janeiro are January, February, and March.
5. In June, July, and August, it is _____ in Sochi than in Rio de Janeiro.
6. The coldest temperature in Rio de Janeiro is _____ degrees. The coldest temperature in Sochi is _____ degrees. Rio de Janeiro is _____ than Sochi.

Station 3 - Level Up ⬆

Directions ☐ ◯

Using the **bar graph** above, list three facts for each part of the T-Chart.

Sochi, Russia	Rio De Janeiro, Brazil
● ● ●	● ● ●

Now write **three** sentences that ***compare or contrast*** Sochi to Rio de Janeiro. Use the **Language Function Chart** from *Station TWO* to help you, if needed.

1.

2.

3.

Day 6

Module 2: Weekend Weather Forecast Project								
	Beginning △		*Developing □*		*Expanding ○*		*Bridging ◊*	*Reaching ☆*
Language (LANG): *Speaking*	1	1.5	2	2.5	3	3.5	4	4.5	5
Social Emotional (SEL): *Responsible Decisions*	1	1.5	2	2.5	3	3.5	4	4.5	5

Directions:

Watch an example of a television [weather report](#).

What words did you hear? Circle the words that you hear in the report:

temperatures   sunshine   blizzard   rain

clouds   degrees   humid   air

snow   today   tonight

tomorrow   Fahrenheit   windy

Celsius   wind   week   sunglasses

thunderstorms

Let's Get Started!

STEP 1. Choose your partner:

2 member group Name:_____ Name:_____

STEP 2. Choose the city you are giving the weather report for.

Our city is: _____

STEP 3. Make a project plan. Divide the work fairly between partners.

Person 1:   **Person 2:**

Person 1	Person 2
1. Gather weather data from Weather Underground.	1. Copy Google Slide Weather Template and Share
2. Write information for Saturday's slide	2, Format the Slideshow by adding images and changing backgrounds
3. Write information for Sunday's slide	3. Create bar graph and upload graph onto slide
4. Analyze the similarities for Saturday and Sunday	4. Compare and contrast Saturday and Sunday's weather
5. Write information for similarities for Saturday and Sunday on the slide	5. Write a Compare and Contrast paragraph on the slide
6. Present Similarities and Saturday weather slides	6. Present Sunday weather and Weekend Weather Recap slides

Person 1

STEP 4 Tasks:

	Task	Completed
1.	Use Weather Underground to Gather Information about your city's weather.	☑
2.	Add this information to slide template your partner will share with you.	☑
3.	What outside activities would be good to do each day? Add that information to Slides 3 & 4.	☑
4.	Compare the data for both days. How is the weather the same? Write how the weather will be the same.	☑
5.	Add how the weather is the same to your slide.	☑
6.	Practice speaking - Similarities and Saturday.	☑

Weather Information

Saturday		Sunday	
Weather Conditions		Weather Conditions	
High Temperature		High Temperature	
Low Temperature		Low Temperature	
Good Activity To Do		Good Activity To Do	

How is the weather the SAME **_both_** days?

	YES	NO
Weather conditions (sunny, rainy, cloudy) ● The weather is _____.	☑	☑
High temperatures almost the same ● What are those temperatures? _____ and _____	☑	☑
Low temperatures almost the same ● What are those temperatures? _____ and _____	☑	☑

Now write TWO sentences to COMPARE the weather for both Saturday and Sunday. Use the chart below to help form COMPARE sentences.

Beginner △	Intermediate ☐
Compare: **Like** **both** **likewise** **similar/similarly** **also**	**Compare:** **are similar because** **have in common** **as well as** **the same as** **in the same way**

Example:
△ Saturday and Sunday will **both** be rainy.
☐ Saturday and Sunday **are similar because** both will have rain.
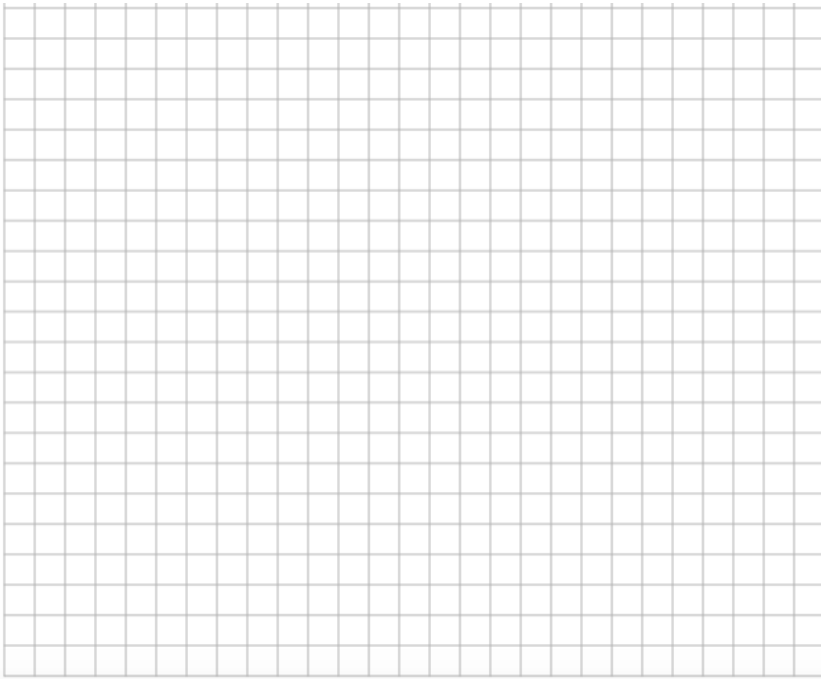
Your turn - Write *TWO* compare sentences.

1.

2.

Person 2

STEP 4 Tasks:

	Task	Completed
1.	Make a <u>copy</u> of the <u>Google Slide Weather Template</u>.	☑
2.	Share the Slides with your partner.	☑
3.	Go to Google Images and find an image of your city. "Copy" the image and add it to Slide 1.	☑
4.	Talk to your partner. What activity is good to do Saturday? Find an image of this on Google Images and "Save a Copy" of the image. Change the Slide 3 background by adding this image.	☑
5.	What activity is good to do Sunday? Find an image of this on Google Images and "Save a Copy" of the image. Change the Slide 4 background by adding this image.	☑
6.	Create a <u>bar graph</u> that shows the highs and lows for Saturday and Sunday. Take a picture of the graph and upload it onto Slide 5.	☑
7.	<u>Compare and Contrast</u> the data for both days. How is the weather the same? How is it different? Write a Compare and Contrast paragraph for Slide 5.	☑
8.	Practice speaking - Sunday and Weekend Weather Recap.	☑

<u>Bar Graph</u>

_____

_____

Legend
☐
☐

How is the weather the SAME **_both_** days?

	YES	NO
Weather conditions (sunny, rainy, cloudy) ● The weather is _____.	☑	☑
High temperatures almost the same ● What are those temperatures? _____ and _____	☑	☑
Low temperatures almost the same ● What are those temperatures? _____ and _____	☑	☑

How is the weather DIFFERENT **_both_** days?

	YES	NO

Weather conditions (sunny, rainy, cloudy) ● The weather is _____ Saturday and _____ Sunday.	☑	☑
High temperatures different ● What are those temperatures? _____ and _____	☑	☑
Low temperatures different ● What are those temperatures? _____ and _____	☑	☑

Directions:

Now write paragraph to compare and contrast the weather. It should use proper capitalization and punctuation.

Signal Words by Difficulty Level	
Beginner △	**Intermediate ☐**
Compare: **Like** **Both** **Likewise** **Similar/Similarly** **Also** **Contrast:** **But** **However** **Unlike** **Yet** **While** **Difference/Different** **_er, _est, than**	● **Compare:** ● **Are similar because** ● **Have in common** ● **Despite** ● **As well as** ● **The same as** ● **In the same way** ● ● **Contrast:** ● **Although** ● **Even though** ● **In contrast** ● **Compared to** ● **On the other hand** ● **Differences between**

Paragraph Organizer
Both Saturday and Sunday will be _____, but Saturday will be _____er than Sunday. Saturday it will be _____ and Sunday it will be _____. If you want to do

_____, then the better day to do this is _____.

YOUR WRITING: