

DISCOVERING THE WORLD!***Creating a Travel Brochure***

Objective: Create a travel brochure to a well-known city including weather data and places to visit!

Resources provided: Weather data

Additional resources: Internet, books, people, anything else you can think of!

Your name should be written small on the back of the brochure in the bottom, right corner.

Your travel brochure will consist of six sections:

1. **COVER** – The cover of your brochure should be neat and colorful. At a minimum the cover should contain the **city name** and either some **wording** about why the city is special or a **picture** about something famous in the city.
2. **LINE GRAPH OF YEARLY WEATHER** – Create a line graph on grid paper (to be glued on to the construction paper) showing the average high, the average low, and the average temperature for each month of the year. The graph should contain a title, both an X and Y axis, and labels so that anyone can interpret your graph. The graph will have **three lines**.
3. **TABLE CONTAINING WEATHER DATA**– Create a table on grid paper (to be glued on to the construction paper) showing the following items: **the mean and median temperature, mean and median high temperature, and mean and median low temperature**. Also list the **highest and lowest temperatures** ever recorded for your city and the **annual precipitation**.
4. **BAR GRAPH OF THE NUMBER OF DAYS AT CERTAIN TEMPERATURES** – Create at least a **double bar graph** showing the number of days each month that your city’s temperature exceeds 90 degrees, 70 degrees, and drops below 32 degrees (the levels vary for each city – pick two).
5. **STEM-AND-LEAF PLOT** – Create four separate stem-and-leaf plots: one for the average temperature for every month, one for the average high every month, one for the average low every month, and one for the average precipitation per month. Be sure to include a key explaining your plot.
6. **SIGHTSEEING** – **List and explain** at least **5 things** that a tourist visiting your city for the first time would want to experience. Include at least one fun coupon that a visitor could use at one of your places during their visit. You will need to do some research to find real places to visit in your city or area.

BONUS ITEMS: Any information you include in brochure that you find on your own can earn you bonus points. This may include pictures about your city (possibly from the internet) or more in-depth information than is provided by the teacher. Statistics are the best – numbers, numbers, numbers about your city. Please write on a separate piece of paper what information you found and where you found it. Turn this page in with your brochure.

Round all numbers to the nearest tenth.

For all graphs be sure to include: a title, a key, and x- and y-axis labels. Make sure all components of a good graph are included for full credit!