

5.Q1. Managing Your Footprint: Your Data TIPS for Graphing your Screen Time Data.

1. Visit the [Create a Graph](#) site to graph your data.
2. Select the Bar Graph

CREATE A GRAPH

Help ? Graphs and charts are great because they communicate information visually. For this reason, graphs are often used in newspapers, magazines and businesses around the world.

Examples NCES constantly uses graphs and charts in our publications and on the web. Sometimes, complicated information is difficult to understand and needs an illustration. Graphs or charts can help impress people by getting your point across quickly and visually.

Here you will find five different graphs and charts for you to consider. Not sure about which graph to use? Confused between bar graphs and pie charts? Read our: [Create A Graph Tutorial](#)

Bar **Line** **Area**
Pie **XY**

Please select a graph type to begin

You will now arrive on the Design Tab Page

3. DESIGN TAB

Select Direction: Vertical

Shape: Rectangle

Style: Leave the background white; Grid color Black

Grid Lines: Use the drop-down to select 6

Appearance: 2D or 3D

Legend: Right or -no-legend-

Update

SELECT Update (to save your information on this page)

4. Select the DATA tab and enter the information:

Graph Title: My Screen Time Activities (or replace My with your name)

X Axis Label: Screen Time Activities

Y Axis Label: Minutes

Source: My Screen Time Data (or put your name there)

Data Set: 7 (one for each of the activity types)

Groups (leave 1)

Group Label (leave blank)

Color for the Bar (Select a color)

DATA Continued

Fill in the Item 1 through Item 7 with the names of the activities, and enter the Value (average number of minutes per day) for each item from your Data table.

Example using the Item names and my *own data examples*:

Data

Labels

Preview

Print/Save

Item 1: Communicating and/or connecting with others (email, SMS, calls) (Ave: 90)
 Item 2: Educational/Informational (for learning) (Ave: 180)
 Item 3: Entertainment (streaming videos, movies, music...) (Ave: 240)
 Item 4: Creative Expression (creating art, music, stories, videos, and coding) (Ave: 60)
 Item 5: Gaming for Entertainment (Ave: 45)
 Item 6: Shopping online (Ave: 30)
 Item 7: Other (Miscellaneous) (Ave: 60)
 Min-Value: 0
 Max-Value: 600 (based on 10 hours)

Update Select Update

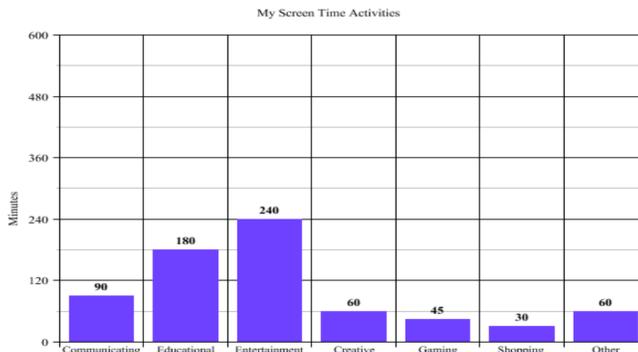
5. LABELS
 Show label: Yes
 Type: value and Suffix (enter min.)
 Position: Outside Top
 Font size (12 pt)
 Label Color: Select the colors and font type, font color, and Size desired.

Update Select Update

6. PREVIEW your results – Return to Design and change to 2D or 3D and the grid color. Select update if you made a change, and preview again when ready.

7. Select PRINT/SAVE your bar graph when ready.

Check with your teacher about the options for Print or Download. The Print selection will bring up a box with options to save as a PDF, as a Graph Image, or Graph Image with the data table like the one shown here.



My Screen Time Data

Communicating	90
Educational	180
Entertainment	240
Creative	60
Gaming	45
Shopping	30
Other	60