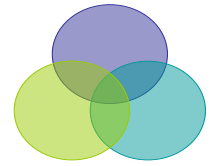


Communicating About Data

- Write two sentences about what the graph shows. Use the words more, same, least, less, most, none, etc
- What conclusions can you draw from the data on/in the graph?
- Write a story problem that another student could solve using the data from the graph.
- Which type of graph would you use to represent the data? Why is this type of graph a good choice?
- Explain how you would decide what increments to use?
- Compare two bits of data on the graph? What conclusions can you draw from the comparison?
- What was easy about constructing the graph? What was hard?
- Does your graph look the way you expected it to look? Why or Why not?
- How may you design your graph to sway people's opinion? Is this ethical?



Communicating Graphically



Venn Diagram Ideas

Single Loop

- I have a pet
- I have read all the Books
- I have a computer(s) at home
- I have been to Disney World
- I have been to the beach
- I have been to the mountains
- I ride the school bus
- I like math
- I play soccer
- I like to swim
- Summer is my favorite season
- I like school lunches
- I like to travel
- I like to sing
- I listen to country music
- I like to draw

Non-overlapping Double Loop

- What is your favorite drink? Coke/Pepsi
- Which is your favorite college team?
Gators/Seminole
- What is your favorite candy? Hard/soft
- What is your favorite color? Purple/Blue
- Which do you think came first?
Chicken/egg
- Which is your favorite subject?
Science/Math
- When do you take a shower? A.M./P.M.
- Which is your favorite type of M&M?
Plain/peanut
- Which do you like better?
Baseball/Football
- I play on a sports team. I do not play on
a sports team.
- I am a boy. I am a girl
- I ride to school by Car/bus
- What kind of music do you like?
Country/rock
- Favorite pizza? Cheese/pepperoni
- Which do you like best? Computer
games/television

Overlapping Double Loop

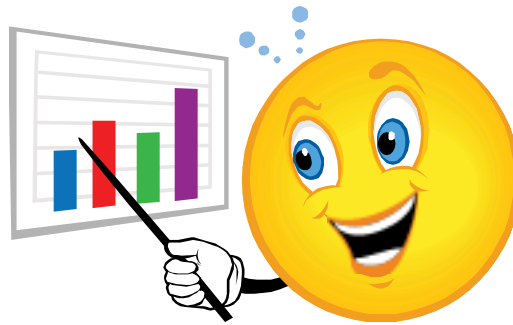
- I wear glasses. I have brown eyes
- I have blue eyes. I have brown hair
- My family has a truck. My family has a
car
- I have a dog(s) I have a cat(s)
- I have tied shoes. I have slip-on shoes
- I like French fries. I like onion rings
- I like to wear shorts. I like to wear long
pants.
- I like milk. I like orange juice.
- I like McDonalds. I like Burger King.
- I play baseball/softball. I play
basketball.
- I was born of the state. I have moved
more than once.
- I have a brother(s). I have a sister(s)
- I like to bowl. I like to skate.
- I like rap music. I like country music.
- I have been to the beach. I have been to
the mountains.

Triple overlapping Loops

- I have a dog(s). I have a cat(s). I have
other pets.
- I play basketball.
Baseball/softball/football
- I have been to the beach, mountains,
theme park.
- I like pizza, hamburger, spaghetti
- I enjoy math, reading, writing
- I like M7M, Reese cups, Hershey kisses.
- I like dance, gymnastics, music
- I shop at WalMart, Target, K-Mart.
- I have a Gameboy, a Playstation, an X-
Box.

Bar Graph (Use "other" on occasion)

- Favorite Sport: football, baseball, soccer, basketball
- Favorite ice cream ...
- Favorite lunch choice...
- Favorite pet...
- Favorite fruit...
- Favorite drink...
- Favorite season...
- Favorite pizza...
- Favorite color...
- Favorite racecar driver...
- Favorite subject...
- Favorite Disney movie...
- Favorite T.V. Show...
- Favorite Harry Potter Movie...
- I was born in the: Autumn, spring, summer, winter
- My name is:
- The number of people living in my house:
- The number of pockets, buttons, etc you have today:
- The date of my birthday is a: Single digit number/double digit number
- How many hours of sleep do you usually get each night? >eight (more than eight), <eight (less than eight)
- How many minutes do you read each day? <30, >30
- How many siblings do you have? 1-3/ <3
- Which hand do you usually write with? Left/right
- I am the oldest child in my family? Yes/no



Real World Graphing Ideas

All About Me

- How many brothers do you have? How many sisters?
- How tall are you?
- What is the circumference of your wrist? (waist, ankle, head?)
- What is the width of your foot? (nose, hand?)
- What is the length of your foot? (thumb?)
- What is your arm span (from hand to hand when your arms are outstretched)?
- Do you have a pet?
- What time do you get up for school in the morning?
- What time do you go to bed on school nights?
- How long does it take for you to brush your teeth?
- How many letters are in your name?
- How many of the letters of the alphabet are used to spell your name?
- How many glasses of water do you drink each day?
- How many times can you jump on one foot?
- What is the height of your vertical leap (standing or jumping)?
- How far can you jump doing a standing broad jump?
- How many peanuts can you hold in one hand?
- What is the area of your bedroom?
- What color are the walls in your bedroom?
- Do your favorite shoes have laces, Velcro, buckles or none?
- How many buttons are on your clothing today?
- On a rainy day would you rather wear a raincoat or carry an umbrella?

Sports

- What is your favorite Major League Baseball Team? (or basketball, football, etc)
- What is your favorite sport?
- How far can you throw a ball? (kick)?
- Would you rather play sports or watch someone else play?
- Do you play on a sports team?
- Which type of sports ball bounces the highest (tennis, basketball, ping pong, golf, etc)?

Food

- What is your favorite kind of candy?
- How often do you eat candy?
- Do you like oatmeal raisin cookies? (chocolate, etc)
- Which type of cookies do you prefer: chocolate, sugar, oatmeal, etc?
- What is your favorite drink for breakfast?
- What is your favorite meal of the day?
- Who decides what you order when you go to a restaurant?

- What is your favorite way to eat potatoes?

Travel

- Have you ever been on an airplane? Train?
- Have you ever been to Disney World?
- How many states have you been to?
- When you go on vacation who packs for you?
- Where would you rather on a vacation?

Entertainment

- How many hours of television do you watch each day? Week?
- What is your favorite type of television show?
- Do you watch television before school in the morning?
- Who decides what you watch on television?
- How many books do you read in a month?
- Do you like to read in bed?
- How many times do you visit the library in a month?
- How many minutes each day do you listen to the radio?
- Who is your favorite actor or actress?
- When you go to a movie, do you prefer popcorn, candy or neither?
- How many days/hours each week do you play video games?
- What is your favorite rainy day activity?
-