

DO NOW (10 min)

9/26 Interpreting Other Data Sources pg. 7-8

Respond to the questions on **page 7** of your notebook.

1. What are the three main types of maps? *Three types of maps are...*
2. What information does each map provide? *A _____ map shows...*

- ★ Did you complete the **TABLE OF CONTENTS** for today?
- ★ Is your **WEEK SHEET** out and ready to be stamped?



Engage – 4 min

Examine the graph:

- ✓ Titles
- ✓ Legend
- ✓ Labels

Respond to the following questions.

1. **What** type of **INFORMATION** does the graph show? *This graph shows...*
2. **Why** would this information be **IMPORTANT TO COMPANIES**? *This would be important to companies because...*

WHAT IS AN INFERENCE?

An **INFERENCE** is an **idea** that's drawn **from evidence** and **reasoning**

**I See/I Read + I Know
= Inference**



<https://www.pinterest.com/pin/73042825183859743/>



<http://jordansdaily.com/2014/02/18/sneaker-con-new-orleans-february-2014-on-feet-recap/>



<https://sneakernews.com/2013/05/01/paypal-payments-now-available-at-foot-locker-in-store/>

Inference – 5 min

I see....

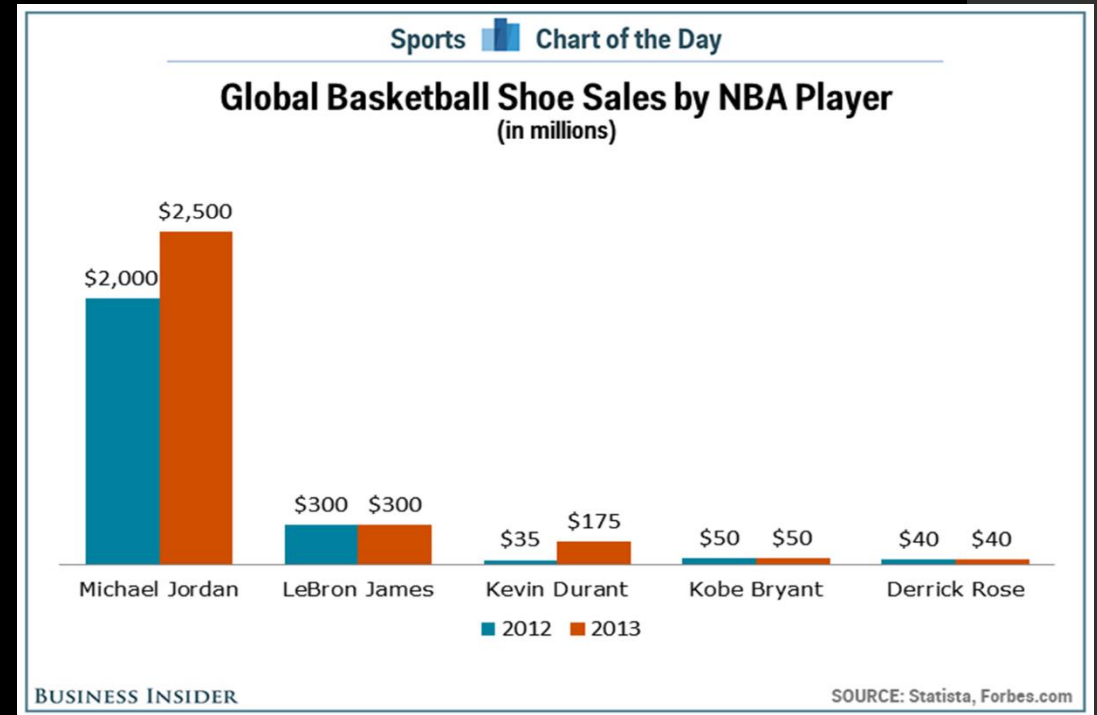
Derek Rose's shoe sales are the lowest and Michael Jordan's shoe sales are the highest.

I know...

A lot of people know about Michael Jordan and I haven't really heard of Derrick Rose.

Based on what I see and know, I can infer....

Derek Rose's shoe sales are low because he is not as popular as Michael Jordan.



Objectives (3 min)

6.3B Pose and answer questions about geographic distributions and patterns for various world regions and countries shown on maps, graphs, charts, models, and databases.

6.3D Create thematic maps, graphs, charts, models, and databases depicting aspects such as population, disease, and economic activities of various world regions and countries.

6.21C Organize and interpret information from outlines, reports, databases, and visuals, including graphs, charts, timelines, and maps.

6.21F Use appropriate mathematical skills to interpret social studies information such as maps and graphs.

HOT Question

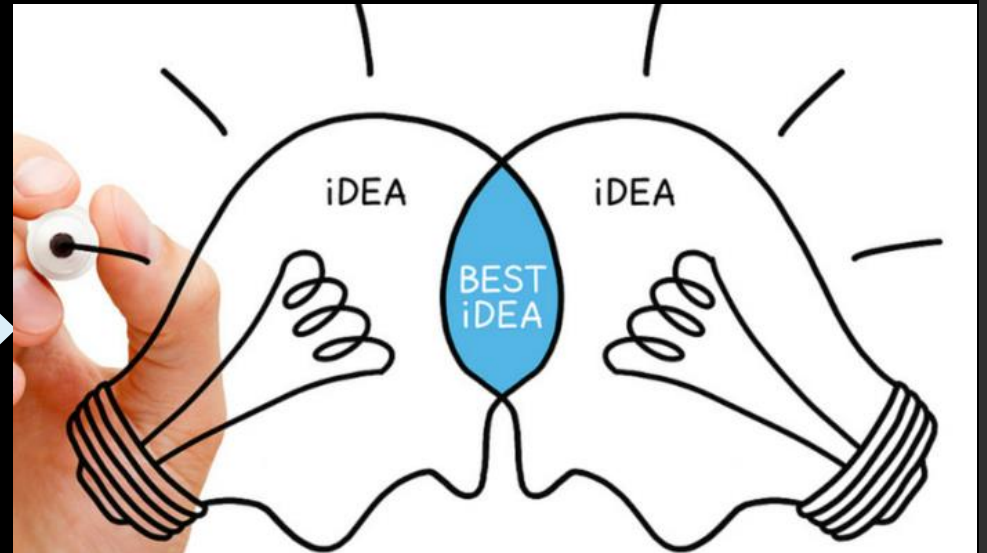
In what ways do charts/tables and graphs express relationships and patterns?

Essential Understanding

Graphic representations of information and data often express relationships and patterns in the physical and human geography of a place/region.



21st Century Skill
Collaboration



Annotating Text



I have a question

Write your question so you don't forget!



I already knew about this



Wow! This is interesting



This is important information



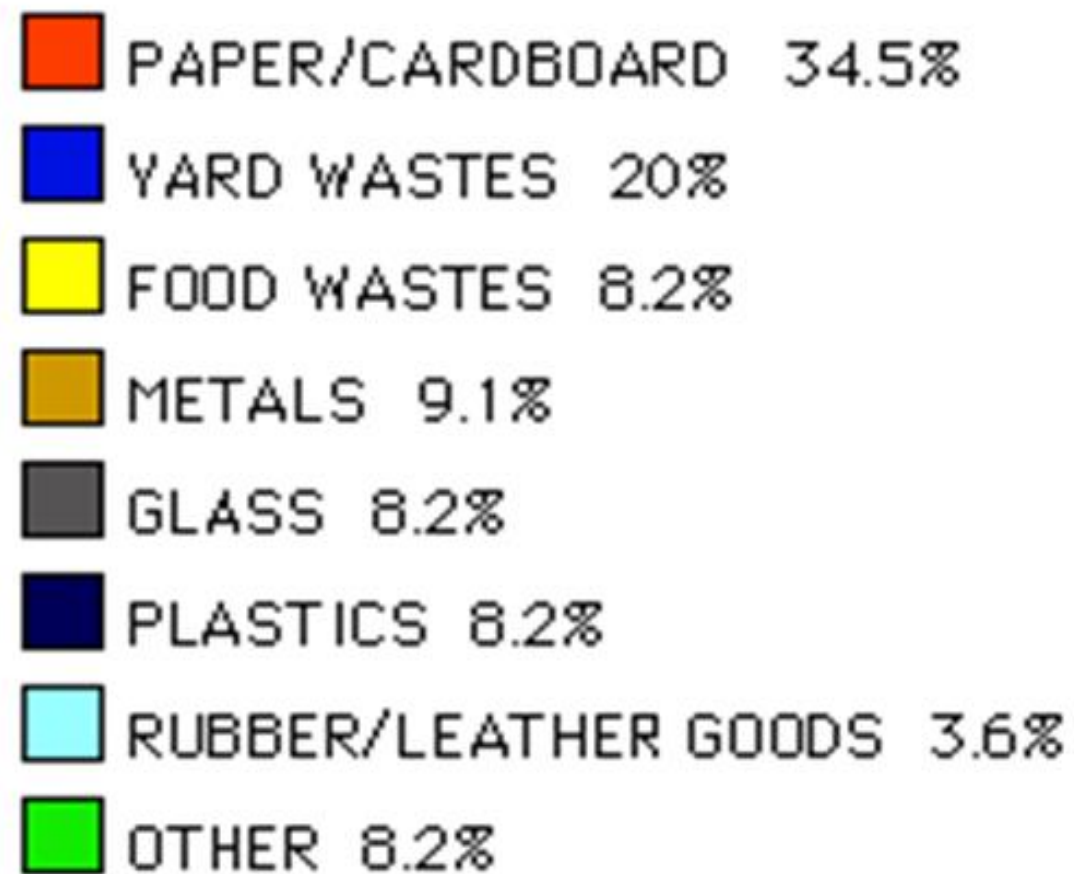
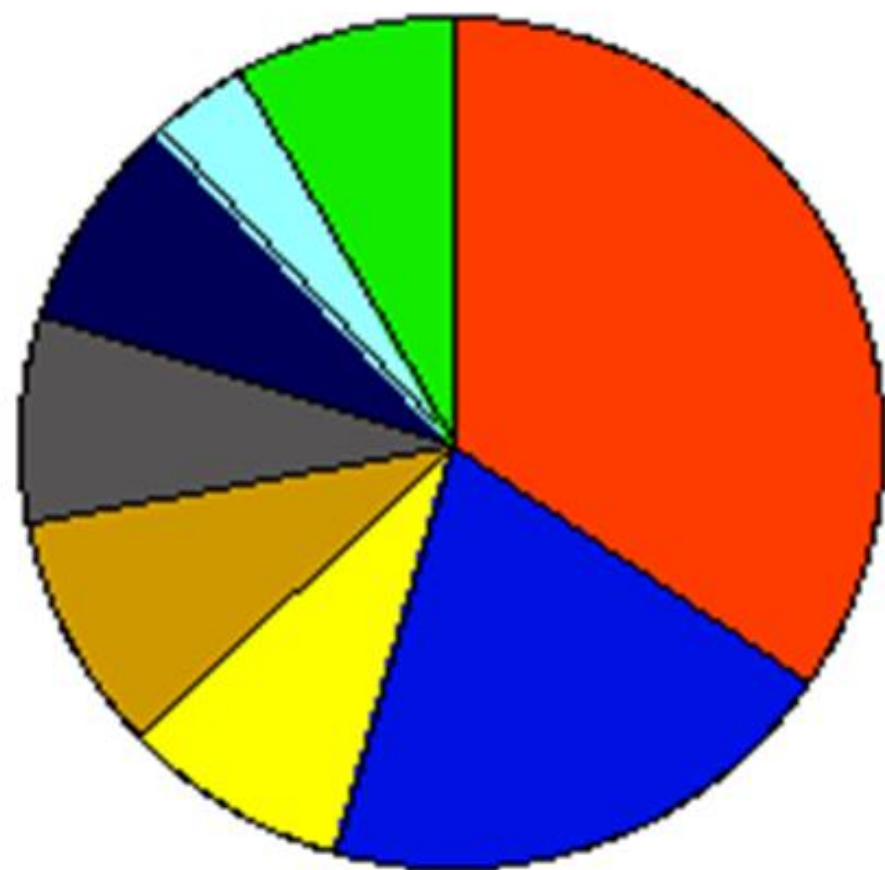
I can infer...

Write your inference so you don't forget!

min)

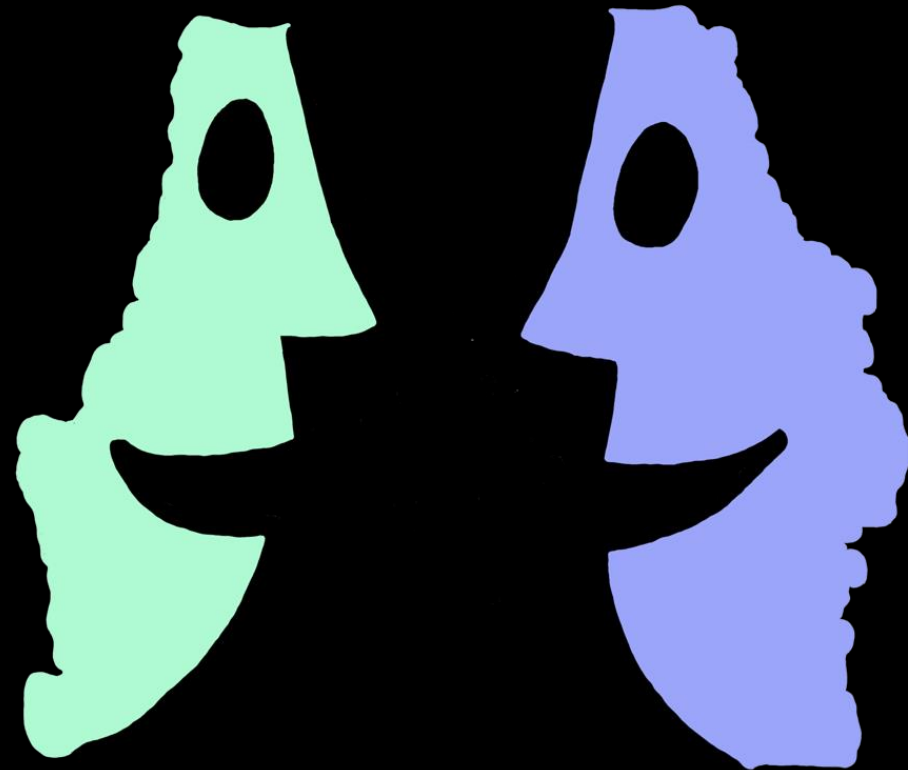
- ☆ You MUST annotate as you read.
- ☆ FOCUS ON IMPORTANT INFORMATION.
- ☆ You are ENCOURAGED to ask questions.

WHAT AMERICANS THROW AWAY



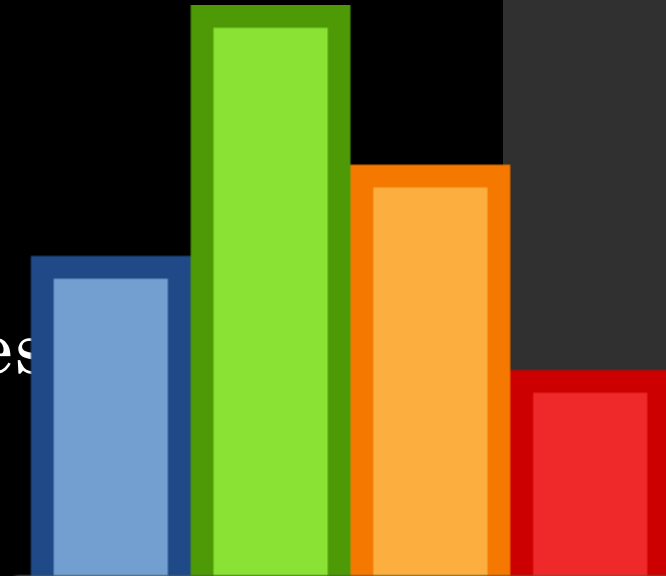
Checkpoint (3 min)

1. In what ways do we **graphically** represent data?
2. What **graph** would you use to show change over time?



Independent Work – Survey (25 min)

1. You have been asked to present data to support the Popular Topics news segment for Fox26 News.
2. Make a list of popular people, places, or things such as:
 - ★ sports
 - ★ snacks
 - ★ musical artists
3. Survey your classmates about their favorite.
4. Fill in the table to show their responses.
5. Create a **COLORFUL** bar graph to show the results from the table.



Category	25 points	20 points	15 points	10 points
Basic elements 👍 Titles (main, X Title, Y title) 👍 X, Y Labels 👍 Data Set	Graph contains all elements in a creative, organized form.	Graph is missing 1 basic element.	Graph is missing 2-3 elements .	Graph is missing more than four basic elements .
Research	20+ surveys 4 or more categories	15-19 surveys 3 categories	10-14 surveys 2 categories	Less than 10 surveys 1 category
Accuracy	All graph data corresponds with data in chart.	One data inaccuracy.	Two data inaccuracies.	Three or more inaccuracies.
Grammar/mechanics	There are no errors.	There is one error.	There are 2 errors.	There are more than 3 errors.

Category	25 points	20 points	15 points	10 points
Basic elements 👍 Titles (main, X Title, Y title 👍 X, Y Labels 👍 Data	Graph contains all elements in a creative, organized form.	Graph is missing 1 basic element.	Graph is missing 2-3 elements.	Graph is missing more than four basic elements.
Accuracy	All graph data corresponds [matches] with data in chart.	One data inaccuracy.	Two data inaccuracies.	Three or more inaccuracies.
Grammar/mechanics	There are no errors.	There is one error.	There are 2 errors.	There more than 3 errors.

Exit Ticket (10 min)

1. Answer the questions independently.
2. Glue the handout on the **BOTTOM** half of **PAGE 5**
3. If your answer is incorrect, be sure to correct your answer choice in your notebook.



☆ **Is your workstation clean?**

☆ **Has one person from the table thrown away trash for the table?**

AFTER ANSWERING THE EXIT TICKET WITH PLICKERS:

1. **Place your notebook neatly in the center of the table.**
2. **When all notebooks are in stacked on the table, one person put them away on the bookshelf.**
3. **Double check your workspace for trash and clutter**