



The power of digital communication

Learning through inquiry and investigation

Journal

How big is the Internet?

What kind of information is on the Internet?

political

news

music

photos

anything

financial

shopping

videos/movies

Keep a list of things you know, and things

worth looking up to learn more about the Internet.

text

memes

"dark web"

spirits

fake news

history

programs

change

genes

Things I know

social media

Things to look up

illegal

medical stuff

predictors

dating

scams

Check Homework

First 3 Koans...

The Power of the Internet

What can you do?

- Start a new business
 - kickstarter
 - etsy
- Publish your own book, videos or blog and reach millions of people
- Communicate with celebrities, friends, colleagues
- Shop for just about anything: houses, travel, food, clothing...
- Design things and have them made
- Endless entertainment: movies, TV, video, games, ...
- Learn. Just about anything at any age.
- Consult with a doctor, make appointments, track your health

find a job
- quit

meme

or bitcoin
cryptocurrency

Experience first hand

Sign up for a citizen science project.

Create a meme and watch it spread.

What is the Internet?

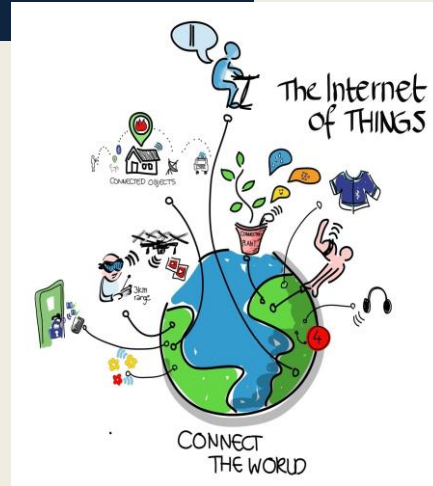
How would you define it?

Possible definitions:

A bunch of connected computers

A worldwide communication system

Publicly available computers that hold or transfer information that anybody can access



What is a computer?

The Internet is made of computers.

What do we know about computers?

- How is a computer different from a machine?
- Are the computers we have today different from the ones in the 1900's?
- Are the computers on the Internet the same as the ones we use every day?

Discussion

Add to your list

| Things I know | Things to look up |
|---------------|-------------------|
| | |

Modern Computers

A short presentation in about 3 minutes.

Be prepared to share some feedback at the end.



What did you learn from the presentation?

What did you notice about the way the presentation was delivered?

Steps to Creating a Pecha Kucha

1. Start with good questions
2. Organize your ideas
3. Do quality research (Cite sources)
4. Organize research results
5. Create slides & add pictures
6. Write a script with timing
7. Practice
8. Refine
9. Practice
10. Deliver

Pecha Kucha =

A slide presentation that is automatically timed without words

Standard is 20 slides
@ 20 seconds each

This was 10 slides
@ 20 seconds each = 200
seconds

Model the process used to create the presentation on Modern Computers

Good research starts...

with good questions

The example presentation started with good questions about modern computers.

Your presentation needs to start with good questions about the Internet.

1. What is the Internet?
2. How big is it?
3. Who uses it?
4. What things happen because of the Internet?
5. What new things are possible because of it?

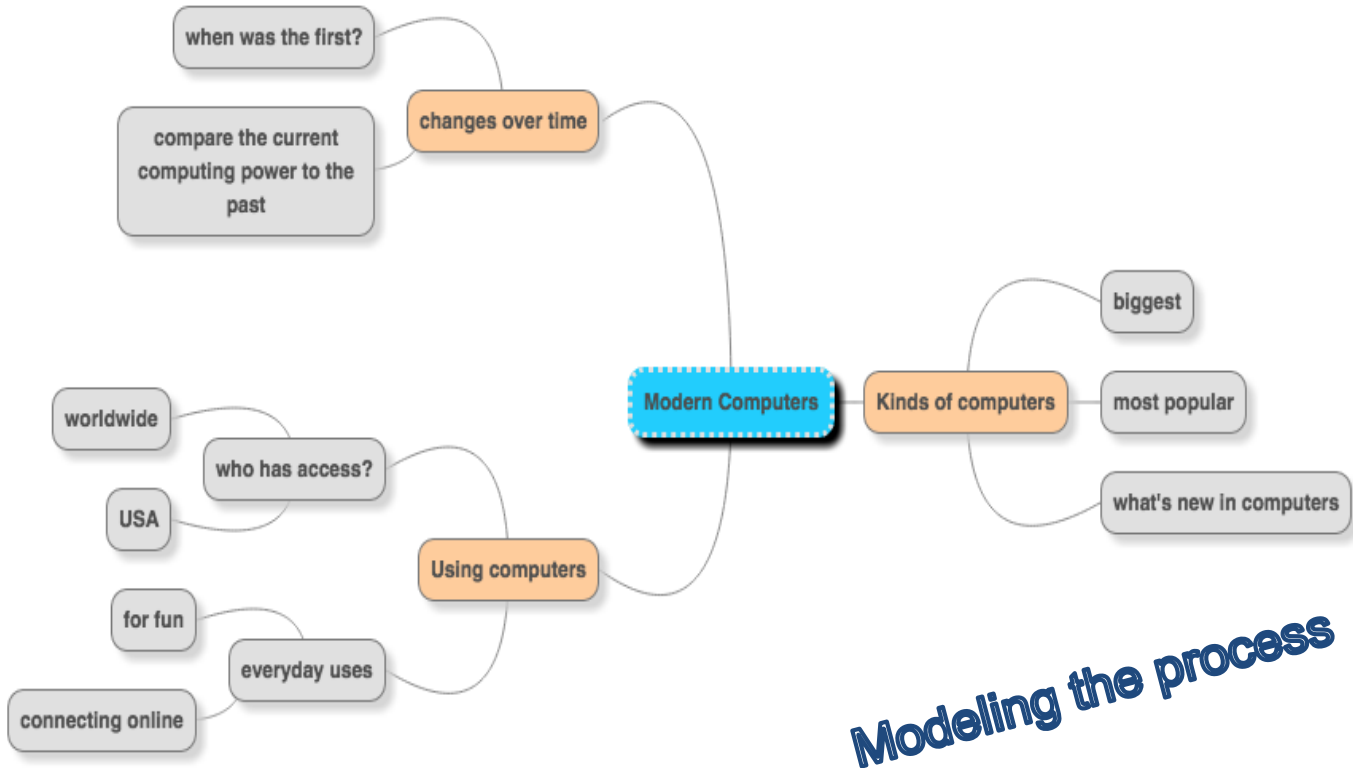
Brainstorm Questions

Start with some questions about modern computers

- What different kinds of computers are there?
- What kind of computer is the most popular?
- What percentage of people in the world have computers?
In the US?
- What is the biggest computer?
- How much have computers changed?
- How long have computers been around?
- How do people use computers in everyday life?

Modeling the process

organize questions



Modeling the process

Researching

Do GOOD research

1. Seek expert information
2. Cite sources
3. It's best to find multiple sources then compare / contrast your research results

Organize the research before you write your script

Find pictures that enhance the words

1. Be sure to cite picture sources too.



<https://www.flickr.com/photos/sepb>

Pecha Kucha

Assignment: Create a presentation on the impact of the Internet

Grade will be based on:

| | |
|---------------|---|
| Content | Original research, good information, |
| Sources | Documented sources, quality sources ... |
| Images | Enhance presentation, sources cited ... |
| Slide layout | 10 slides, attractive, includes pictures, graphs and relevant content ... |
| Presentation | Well timed, complete, all members present, no reading from slides |
| Collaboration | Evidence of teamwork, clear group roles |
| Process | Hand in question list, mind map ... |

Pecha Kucha =
A slide presentation
that is automatically
timed without words

Standard is 20 slides
@ 20 seconds each

Ours will be 10 slides
@ 20 seconds each =
200 seconds

Point Distribution

7

| Topic | Description | Points |
|---------------|---|--------|
| Content | Original research, good information, | 10 |
| Sources | Documented sources, quality sources ... | 10 |
| Images | Enhance presentation, sources cited ... | 5 |
| Slide layout | 10 slides, attractive, includes pictures, graphs and relevant content ... | 10 |
| Presentation | Well timed, complete, all members present, no reading from slides | 5 |
| Collaboration | Evidence of teamwork, clear group roles | 5 |
| Process | Hand in question list, mind map ... | 5 |

Homework

Read about the next 4 Koans

come in with notes so we can add to our ideas