

CO-DESIGNING DATA LABS AT THE PUBLIC LIBRARY: DATA LITERACY WITH, FOR, AND BY TEENS

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*"It is crazy how everything can be data, like even from the moment you were born, you can be used for data for categories that relates to baby, they might use you as a newborn to find out how you compare to other babies as an example"
(Teen, age 14)*

GOAL OF THE STUDY

FALL 2021 DATA LABS

What do you think teens/tweens should know about data?

Identity theft

identity theft

Privacy

actions to take when data privacy is breached

what their data reveals about them

Surveillance

data tracking/hacking in public place

Respecting your data rights (companies and other organizations)

The different ways companies/individual can use your information in harmful ways.

Data creation

How data from social media can easily be taken and used again:

How data is generated from online

the various forms data can take

Security

Don't pirate content on the internet

How to stay safe online

visiting sketchy sites is BAD, and NOT WORTH THE FREE CONTENT

Phishing in emails

Awareness of your data well-being

Information at unreliable websites

just because you deleted an account, doesn't mean the data is truly gone

never share financial data online

Unreliable sources - Misinformation

how to identify unreliable sources/websites

Terms and conditions (End user agreements)

key words look for in terms and conditions that are red flags

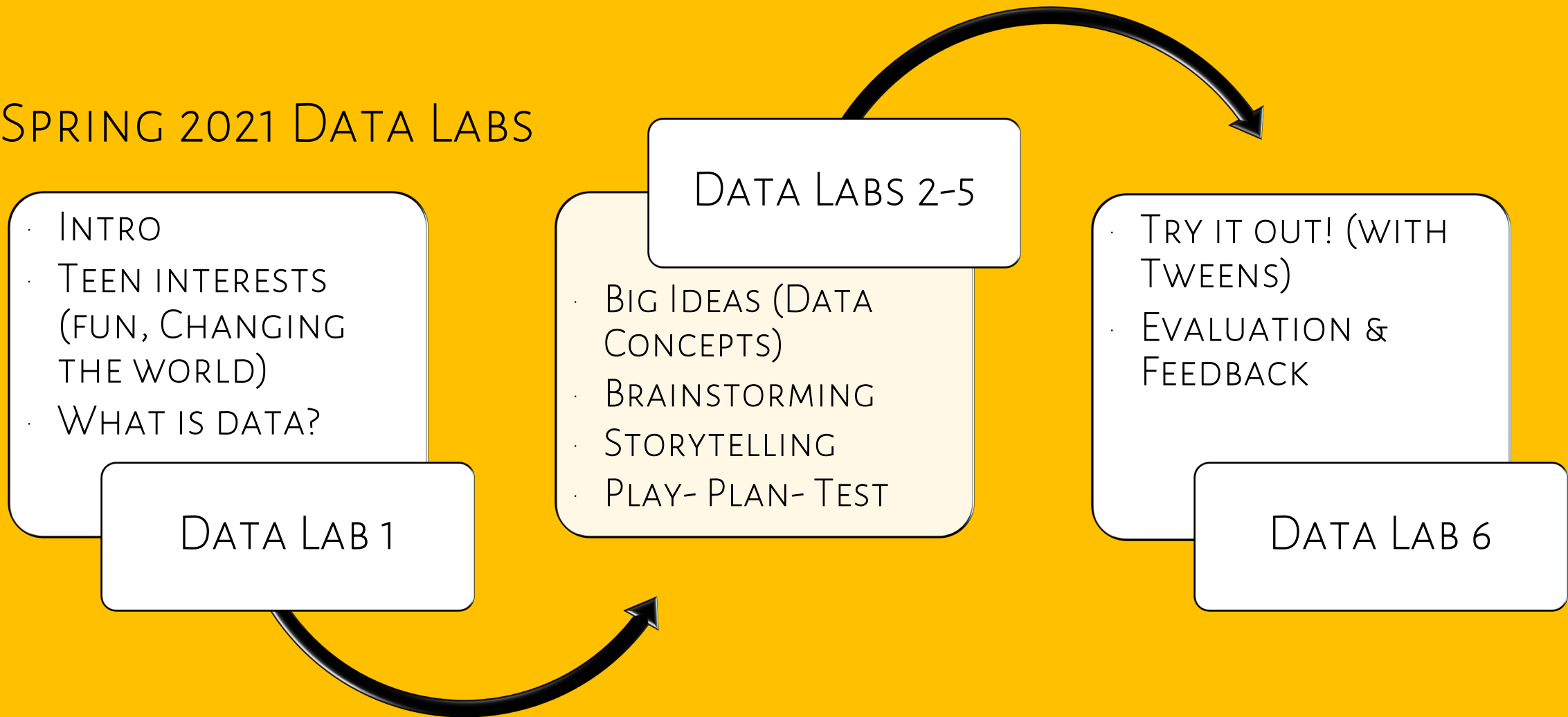
How your data is still being taken from you even on

lose attention (agreeing to conditions in certain apps/websites)

BUILD A HOLISTIC, HUMANISTIC, AND YOUTH-ORIENTED MODEL OF DATA LITERACY WHICH INCORPORATES SOCIAL-AWARENESS, CRITICAL APPROACHES, AND “GOODNESS OF FIT” INTO STEM LEARNING ABOUT DATA.

METHOD: PARTICIPATORY DESIGN

SPRING 2021 DATA LABS



Group 1

What to do:

Pick one sticky note from each category.

Add it to this board.

Working together, build a persona here.

>>>

You can sketch with the pen.

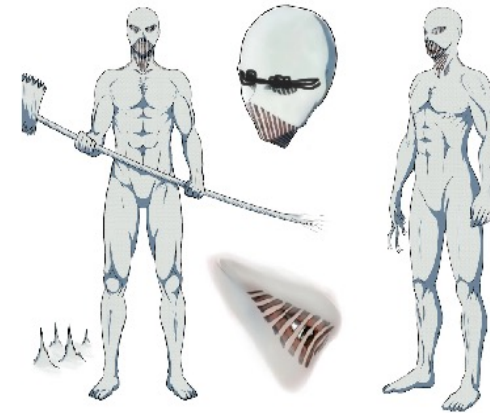
You can add found images.

You can write notes.

What did you infer about this person from the sticky notes?

Attack on Titan, Basketball, Inception, Secret History, Keanu Reeves.

Assumptions: likes gory & dark stories, tall & muscular, likes to challenge themselves, dark stories, like action heroes.



DEVELOPING A PRACTICE OF CRITIQUE

INFERENCES FROM DATA?

INITIAL FINDINGS

CRITICAL DATA LITERACY:

- EMERGENT. PERSONALLY RELEVANT. HANDS-ON.

ENGAGEMENT WITH DATA:

- SOCIAL PLAY AND CREATIVITY (MAKE SOMETHING TOGETHER!)
- NARRATIVE & STORYTELLING
- COMPETITIVE GAMES

CONTEXT OF CO-DESIGN MATTERS:

- DISCIPLINARY, TECHNICAL, OR CRAFT KNOWLEDGE?
- THE MEDIUM OF THE CO-DESIGN PROJECT.

FLUIDITY:

- MANY FORMS OF PARTICIPATION WITHIN A SINGLE PROJECT.
- A PROJECT CAN BEGIN WITH ADULTS DOING THE HEAVY LIFTING IN TERMS OF CONCEPTUALIZING THE OVERALL PROJECT AND THEN ALLOW YOUTH MOVE TOWARD GREATER AUTONOMY.

CONSCIOUS-CO-DESIGN:

- TRANSPARENCY AND SELF-AWARENESS ABOUT THE CO-DESIGN PROCESS AND RESEARCHER'S ROLE IN CO-DESIGN

FOR MORE INFORMATION ABOUT THE PROJECT, PLEASE VISIT OUR WEBSITE:
[HTTPS://SITES.GOOGLE.COM/PRATT.EDU/DATA-ACTIVISM-FOR-YOUTH/HOME](https://sites.google.com/pratt.edu/data-activism-for-youth/home)