

NOTES: To be deleted/Topic Ideas from Spreadsheet

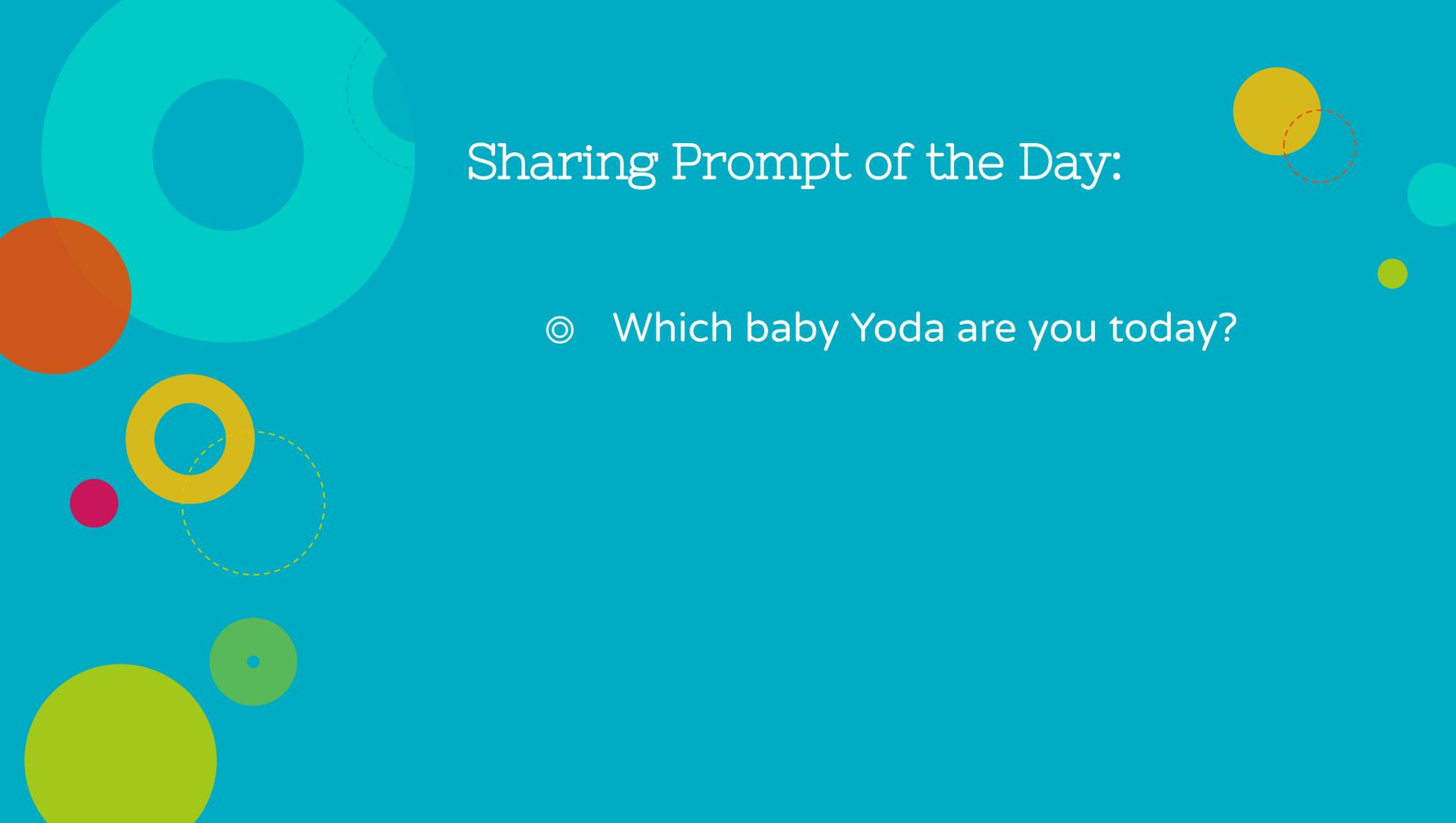
- ◎ Congrats on Selecting Research Method(s!)
 - ◎ Create solid instruments
 - ◎ Negotiate Access to Data

A decorative graphic featuring various colored circles and dashed lines. The circles are in shades of teal, blue, green, yellow, orange, and pink. Some circles are solid, while others are dashed or have a white center. The dashed lines form a large, irregular shape that frames the text.

CS-LISTEN
Equitable Computer
Science in your
School
Meeting 6

Weekly CPR Check In





Sharing Prompt of the Day:

© Which baby Yoda are you today?

1



2



3



4



5



6



7



8



9



10

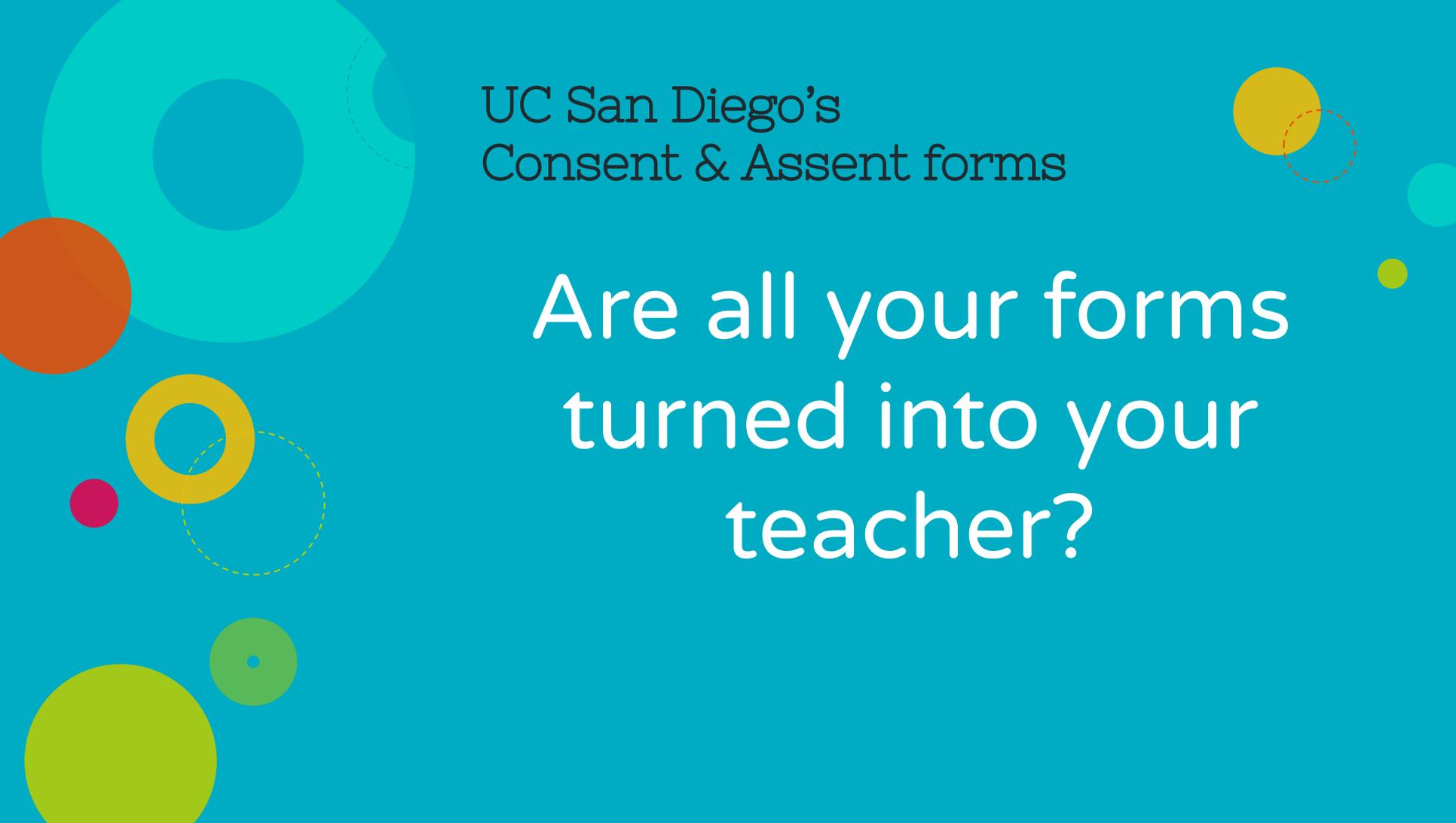


11



12





UC San Diego's
Consent & Assent forms

Are all your forms
turned into your
teacher?

Understanding the Problem

1. Choose a Research Question

2. Determine the methods

3. Design tools

4. Collect Data

5. Conduct Analysis

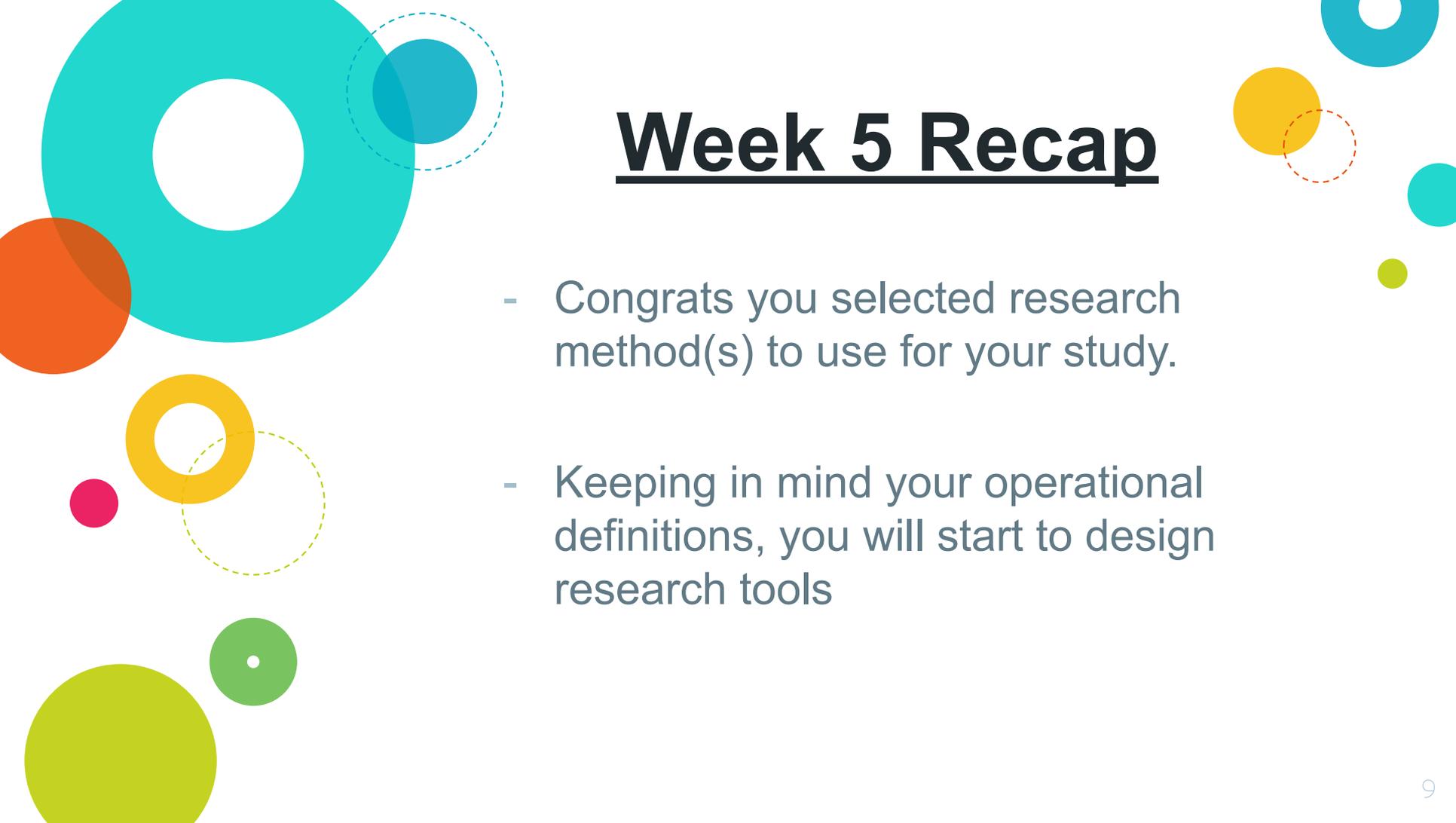
**CS-LISTEN
Student
Co-Researchers
(SCR)
Cycle**

You are here!





GOAL:
Create
research tools



Week 5 Recap

- Congrats you selected research method(s) to use for your study.
- Keeping in mind your operational definitions, you will start to design research tools

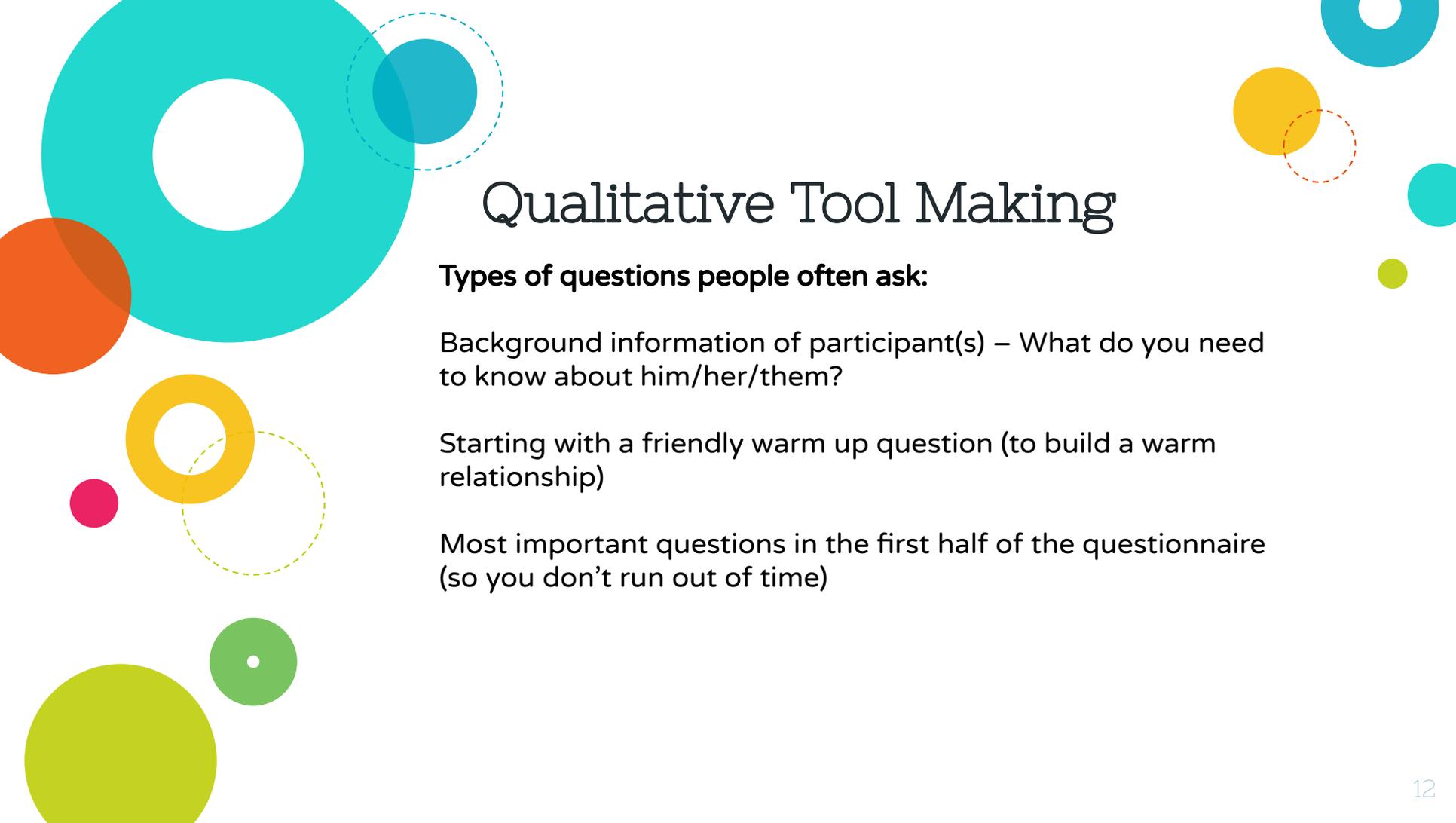
Creating Solid Research Tools





Answers questions about How & Why

Qualitative Tools: Interviews/Focus Group Protocols, Observational tools with qualitative data – people’s questions, answers, dialogue



Qualitative Tool Making

Types of questions people often ask:

Background information of participant(s) – What do you need to know about him/her/them?

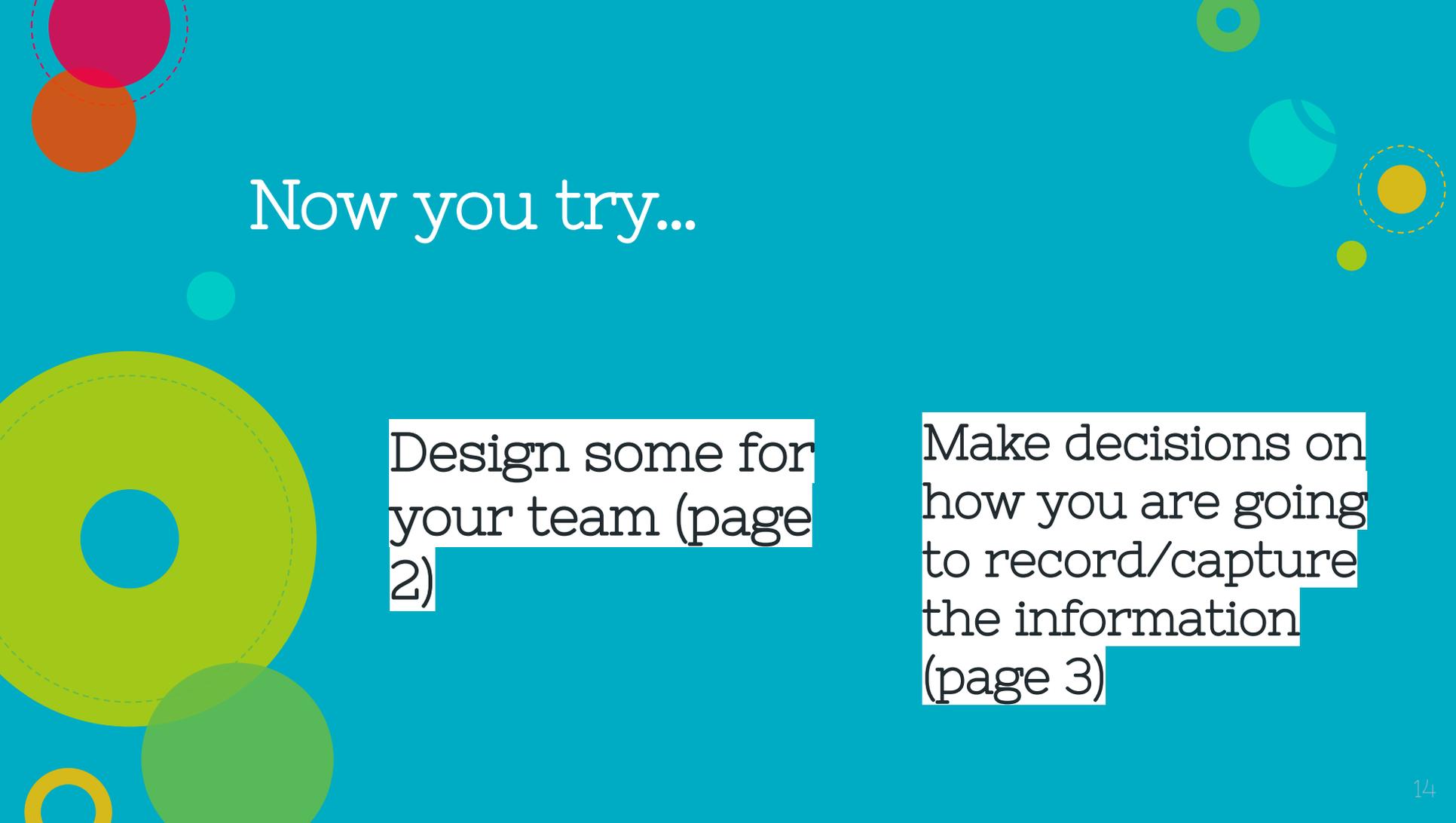
Starting with a friendly warm up question (to build a warm relationship)

Most important questions in the first half of the questionnaire (so you don't run out of time)

What makes a good protocol question?

Use this jamboard (page 1) to start thinking about the qualities of good questions... (5 minutes)

Come back to discuss



Now you try...

Design some for
your team (page
2)

Make decisions on
how you are going
to record/capture
the information
(page 3)



Answers questions about Who, What, &
How Many or How Often/How Intensely

Quantitative Tools: Descriptive statistics of datasets, survey methods with quantitative scales or pre-post assessments, observations with numeric data (counts, quantities, etc.).

- Use the [jamboard link](#) (page 4) to think through the guiding questions about your use of quantitative data...

Negotiating Access Activity:

- ◉ Now that you have spent some time thinking about your research methods and designing a potential study/approach/tools:
- ◉ Ask yourselves: Who/what do you need access to in terms of data (e.g. people, time, information/datasets)?
- ◉ Who needs to give you this access?

Nominate one or two students to: Write the email to the people who need to give you permission to access these data? Send it first to your teacher(s) for review.

