

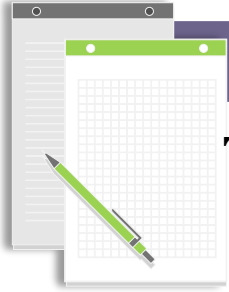


# YPAR in School

## Planning Your Methods & Data Collection

Lesson adapted from:

YPAR Hub. (n.d.). *Brainstorming Data Sources and Making a Data Collection Plan*.  
<http://yparhub.berkeley.edu/investigate/brainstorming-data-sources-and-making-a-data-collection-plan/>



### Objective

To assist students in creating goals and methods to reach those goals

### Activity #1 Identifying Goals

#### Materials

- Whiteboard for each group
- Dry Erase Markers
- Multi-colored sticky notes for each group
- Timeline template (1 for each group)
- Example of Data Source Brainstorm

#### Pre-Activity

Have students write about the following prompt in their process journals:

How do you hope to feel once your group has answered your research question and shared what we found with others impacted by the issue?

Free-write all the words that would describe how you would feel and what success would look like

Have students share in small groups.

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### Activity #1 Identifying Goals

#### Activity

Have each group grab a white board and write their research question across the top. Attached is a sample of a brainstorm chart. They will also write the following prompts down the side of their white board:

- Goals
- What we need to do
- How we will do it

#### **STEP 1: GOALS**

Students will identify the group's goal by following the steps below:

- What is the multi-sensory experience that your team will have when all of us have successfully answered our research questions?
- In other words, "When we answer this question, we'll...."
- Write each goal on a separate sticky note
- Use one color of sticky notes for all answers to this question.

#### **STEP 2: WHAT WE NEED TO DO (TO REACH OUR GOALS)**

Students will identify what to do next by following the steps below:

- What can we do to answer our question and achieve our goal?
- What specific kinds of information do we need to collect, or what kinds of art, experiences, or conversations might help us answer this?
- Write each idea on a separate sticky note
- Place "what" sticky notes beneath the goals they connect to; if they connect to more than one goal, draw a line to show this.



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## Planning Your Methods & Data Collection

### Activity #1 Identifying Goals

#### **STEP 3: HOW WE WILL DO IT**

Students will identify how they will do what they need to do to reach their goals by following the steps below:

- Define data sources
  - How can we get the information we need?
  - Who can we talk to and what can we ask them?
  - In other words, what “data sources” can we use to achieve this?
  - Connect these “how” ideas to “what” ideas; if they connect to more than one goal, draw a line to show this

#### Reflection for Activity #1

Looking at the data collection brainstorm, reflect on the following questions individually:

- Does it feel like all of these data sources are needed? Do any overlap? Could we eliminate some and prioritize others?
- Does it feel like anything is missing?
- What would be most fun and engaging for you?
- What would lead to the most important or persuasive kind of information?
- Who in your group wants to lead the effort on creating the protocol for each of the data sources?



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## Planning Your Methods & Data Collection

### Activity #2 Creating a Project Plan

#### **Pre-Activity**

Explain observations and surveys to students. We will be learning more in depth information in the following lessons. Remind students that YPAR teams should use a variety of different data sources to answer their research question. They are going to focus on what is learned in and through analysis of data collected via **OBSERVATIONS** and **SURVEYS**

#### **Activity**

Pass out timeline templates to groups. Students will create a project roadmap/timeline following the steps below:

Create a project roadmap/timeline any way that you want, using the following guiding questions:

- What needs to happen first, second and third?
- Who will take the lead on which sources?
- Which tasks will be best accomplished individually or together?
- Who do we need to talk to, and for which step?
- What protocol will be needed?
- What materials do we need?

Remind students that they will be adding to their Project Plan as they learn more about observations and surveys.



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## Sample Data Source Brainstorm Chart

Lesson adapted from: <http://yparhub.berkeley.edu/investigate/brainstorming-data-sources-and-making-a-data-collection-plan/>

\*\*This example is incomplete...to help facilitators and teams get started

What are the resources and barriers for access to higher education?

Goals

When we answer this question, we'll know what resources to reach out to for assistance

We'll know what typical obstacles people encounter

We'll know more about the experiences of individuals seeking access to higher education

We'll have compared multiple perspectives and resources

We'll feel better informed, empowered, resourceful, strong

What to do

Narrative, poetry, artistic expression

Talk to guidance counselors and resource centers on high school and college level

Online research  
- Accessing resources through the school website

Talk to other students who have accessed these successfully

Reading published research together

Networking Map  
- Find out who has been affected and hearing from them about where their got their information, who they reached out to for support

In-depth conversations

How to do it

How are we going to conduct "online research"? What information do we want to collect?

Information that provides insights into what the different programs are:  
- Type of research  
- College/university  
- Department/office this is housed in  
- URL and page summary



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## Timeline

<b>Dates</b>	<b>Tasks</b>



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## Timeline Template - Example

<b>Dates</b>	<b>Tasks</b>
11/5 – 11/9	Observe people at shelter
11/13 – 11/16	Give surveys to students
11/19 – 11/20	Observing students
11/26 – 11/30	Interviewing teachers
12/3 – 12/7	
12/10 – 12/14	
12/17 – 12/21	
1/8 – 1/11	Research
1/14 – 1/18	
1/21 – 1/25	
1/28 – 2/1	
2/4 – 2/8	
2/11 – 2/15	
2/18 – 2/22	
2/25 – 3/2	Writing the poster
3/5 – 3/9	
3/12 – 3/16	
3/19 – 3/22	Campus Conference



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	Task One	Task Two	Task Three
Task name			
Task leader			
Individual or Group?			
Who to talk to?			
Protocol needed: Surveys, observations, interviews?			
Materials needed?			