

## **Research Study on Online Class Challenges - My Answers**

### **1. What type of data do I need to collect?**

I need to collect **both qualitative and quantitative data** for this study.

I need **quantitative data** because I want to get actual numbers like:

- How many students use smartphones vs laptops
- What percentage have stable internet
- How often they get distracted

I also need **qualitative data** because I want to understand:

- What kind of distractions they face (like noisy siblings or household chores)
- How these problems make them feel
- Their own explanations of what makes online learning hard

Both types are important because the numbers show me how big the problem is, and the descriptions tell me what's actually going on in their lives.

### **2. Two Data Collection Methods I Would Use**

#### **Method 1: Online Survey (Google Forms)**

I would use an online survey because:

- I can reach lots of students quickly without having to meet them one by one
- Students can answer whenever they have time, which is more convenient
- They might be more honest if the survey is anonymous

#### **Method 2: Virtual Interviews (Zoom or Google Meet)**

I would also do some virtual interviews because:

- I can ask follow-up questions if a student says something interesting
- I get more detailed stories and examples that surveys might not capture
- I can hear the emotion in their voice when they talk about their struggles
- If something is unclear, I can ask them to explain more

### 3. Five Sample Questions

**Question 1:** What device do you mainly use for online classes?

- . Smartphone
- . Tablet
- . Laptop
- . Desktop computer
- . I share a device with family members
- . Other: \_\_\_\_\_

**Question 2:** On a scale of 1-5, how stable is your internet connection during class? (1 = very bad, constantly disconnecting; 5 = very good, no problems)

- . 1
- . 2
- . 3
- . 4
- . 5

**Question 3:** What are the biggest distractions you face at home during online classes? Give specific examples. (Open-ended answer box)

**Question 4:** How often do technical problems stop you from joining or participating properly in class?

- . Never
- . Rarely (once or twice a month)
- . Sometimes (once or twice a week)
- . Often (3-4 times a week)
- . Always (almost every class)

**Question 5:** If you could change one thing to make online learning easier for you at home, what would it be? (Open-ended answer box)

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### 4. One Challenge and How I'd Solve It

**Challenge:**

Not enough students answering the survey or giving up halfway through. This happens a lot because students get tired of surveys, they're too busy, or they just don't feel like it matters.

**How I'd solve it:**

First, I'd make sure the survey is short, maybe just 10-15 minutes max, so they don't lose interest. I'd also write a friendly message explaining that their answers will actually help improve online learning for everyone.

I'd send reminders but not too many, like maybe one reminder after a few days and a final one before the deadline. I'd make sure the survey works on phones since most students use those.

If possible, I'd ask teachers if I could use 10 minutes of class time for students to answer the survey together. That way, more people will finish it and if anyone has tech problems, they can ask for help right away.

Maybe I could also offer something small as a thank you, like a raffle for a gift card or something, if the school allows it. That usually gets more people to participate.

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**5. Reflection**

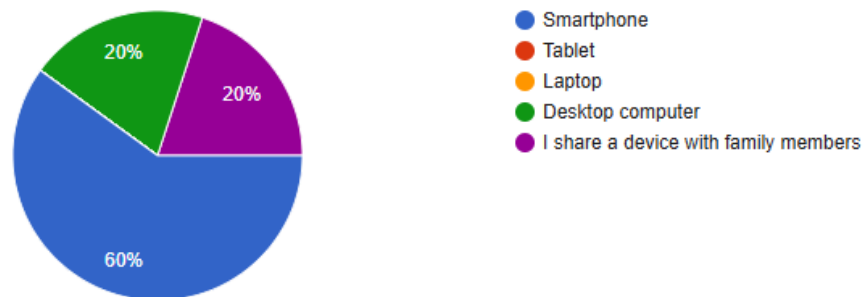
Choosing the right data collection method is super important because it affects whether you get good, accurate information or not. If I only did surveys, I'd get numbers but not really understand what students are going through. If I only did interviews, I'd have great stories but only from a few people, so I couldn't say it represents all students. When you pick methods that fit what you're trying to find out, you end up with better data that actually shows the real situation. This means the research results will be more useful and any solutions we come up with will actually help students instead of just guessing what they need.

## Screenshots of the response of the respondents.

**Question 1:** What device do you mainly use for online classes?

 [Copy chart](#)

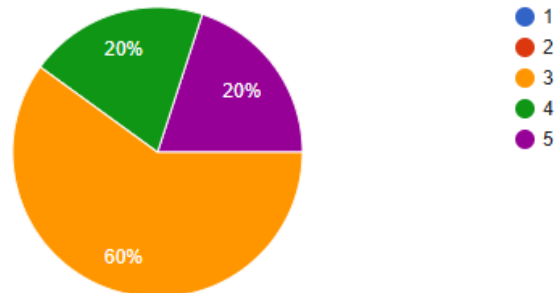
5 responses



**Question 2:** On a scale of 1-5, how stable is your internet connection during class? (1 = very bad, constantly disconnecting; 5 = very good, no problems)

 [Copy chart](#)

5 responses



**Question 3:** What are the biggest distractions you face at home during online classes? Give specific examples.

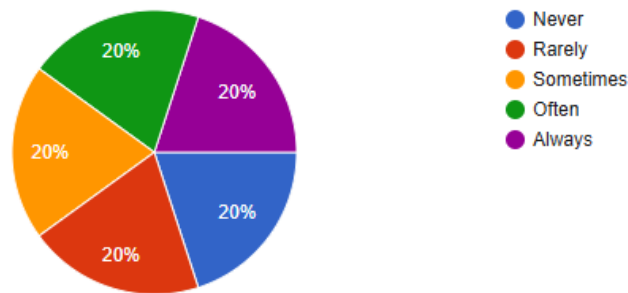
5 responses

- none
- The biggest distractions that i recieved was technical problem
- Games
- When my mother ask me for help
- opening unnecessary sites/apps

**Question 4:** How often do technical problems stop you from joining or participating properly in class?

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5 responses



**Question 5:** If you could change one thing to make online learning easier for you at home, what would it be?

5 responses

N/A

To have a fast connection to make my life easier when it comes to online class.

It should be engaging

To make a fun activities to make the class more entertaining and easy to remember

a quiet and organized space