Survey Questionnaire 1

I. Respondent Information

Name (Optional): _____

School Name: _____

District/Division: _____

Grade Level Taught:

☐ Grade 1 ☐ Grade 4

☐ Grade 2 ☐ Grade 5

☐ Grade 3 ☐ Grade 6

Years of Teaching Experience:

☐ 0–3 ☐ 8–10

☐ 4–7 ☐ 11+

Mother Tongue Used in Teaching: _____

II. Teaching Needs in Mother-Tongue Based Mathematics Instruction

1. How confident are you in teaching fractions in Mathematics using the mother tongue?
   - ☐ Very Confident
   - ☐ Confident
   - ☐ Somewhat Confident
   - ☐ Not Confident
2. What challenges do you face when teaching fractions in the mother tongue? (Check all that apply)
   - ☐ Lack of instructional materials
   - ☐ Difficulty in translating math concepts
   - ☐ Students' limited vocabulary
   - ☐ No standardized terms in mother tongue
   - ☐ Others: _____
3. How often do you use localized or culturally-relevant examples when teaching math?
   - ☐ Always
   - ☐ Often
   - ☐ Sometimes
   - ☐ Never

4. How helpful would it be to have visual, contextualized materials (e.g., posters, story problems, games) when teaching fractions?
    - ☐ Very Helpful
    - ☐ Helpful
    - ☐ Somewhat Helpful
    - ☐ Not Helpful

III. Professional Development and Collaboration

5. Do you feel the need for training or workshops to improve your MTB-MLE strategies in math teaching?
    - ☐ Yes
    - ☐ No
6. What topics would you like to learn more about in such training? (Check all that apply)
    - ☐ Developing mother-tongue based materials
    - ☐ Strategies for teaching fractions
    - ☐ Language integration in math
    - ☐ Student engagement techniques
    - ☐ Assessment using MTB-MLE
    - ☐ Others: _____
7. How often do you collaborate or share materials with other teachers?
    - ☐ Regularly
    - ☐ Sometimes
    - ☐ Rarely
    - ☐ Never
8. What suggestions do you have for making math instruction using the mother tongue more effective?

    _____

    _____

9. Are there any local cultural elements (games, stories, objects) you think can be used to teach fractions?

    _____

    _____

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Survey Questionnaire 2

Name (Optional): _____

Barangay and School Affiliation: _____

Position/Role: _____

1. Describe the current situation of mathematics instruction in your barangay high school.

2. What are the major challenges that students face in learning mathematics independently in your school or community?

3. What resources, materials, or support are lacking that would help improve mathematics learning in your barangay high school?

4. How do you perceive the use of self-instructional learning materials in mathematics?

5. In your opinion, how important is it to train math teachers in creating representation-based self-learning materials? Why?

6. What specific math topics or skills do your students struggle with the most?