GRADE

3

DepED DEPARTMENT OF EDUCATION

BAGONG PILIPINAS

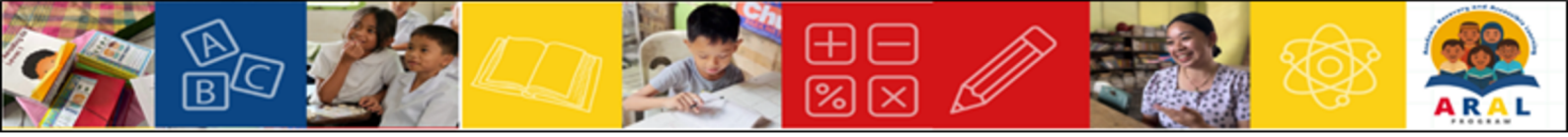
Academic Recovery and Accessible Learning

ARAL

PROGRAM

MATHEMATICS

Home Learning Material



Home Learning Guide

This is a special time where you and your child can work together to practice important skills in mathematics and reinforce what they learned during the week from the ARAL Summer sessions.

SCHEDULE

Lunes	Martes	Miyerkoles	Huwebes	Biyernes

*You are our **Learning Partner** every Friday in strengthening these skills in mathematics.* 🙂

Designate an area or spot where to do the home learning activities together. It would also be great if you do the activities at a consistent time of the day every Friday to build an “ARAL-Time” at home.

These activities are meant to be fun and flexible, so take your time and do what works best for you and your child. There are different activities, so you can choose what feels right for today. **Start at 10-15 minutes** and take breaks as necessary. Remember, it’s not about rushing, it's about enjoying the learning journey together! You’re doing an amazing job as a partner in your child's learning. Let’s have fun and learn along the way!

Learning Support Strategies

Mastering "Math Language"

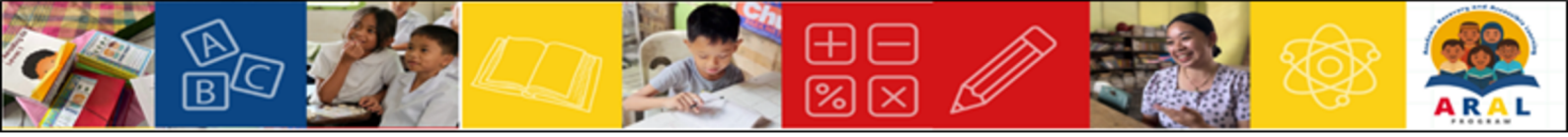
Help your child understand these “math words” to solve the problem.

- **Comparison Words:** Greater than, Less than, Longer, and Shorter.
  - Use objects at home. Ask, *"Which is longer, the spoon or the fork?"* This builds a concrete understanding of the math terms from the activity sheets.
- **Place Value Labels:** When they see Hundreds, Tens, and Ones, have them use a "Base-10" mindset. Ask: *"How many groups of ten are in 427?"*

Visualizing the Problem

Before writing numbers, help them "see" the math.

- **2D vs 3D**: Find a real object. A drawing of a circle is 2D (flat), but an orange is 3D (solid).
- **Patterns**: Example: 80, 70, 60... ask: "Is the number getting bigger or smaller? By how much?" This helps them identify the "rule" of the pattern.



Use common household items in and around the house

Help your child solve math probelms from abstract to concrete.

- **Measurement and Sizes:** When preparing meals or doing chores, you may ask "Which is longer?" or "Which is heavier?" It connects the words on the paper to the weight and size of real things they can touch.
- **Place Value and Counting:** You can use rubber bands (or anything for tying) and sticks (pencils, straws, popsicle sticks, etc.)
  - 1 stick = One.
  - 10 sticks tied with a rubber band = Ten.
  - 10 bundles of ten = Hundred.
- **Word Problem:** Role play *buying, spending, and saving*. It turns a "reading problem" into a "money problem" which most understand faster than they understand written sentences!
  - Use actual coins or play money. Example: If the problem says "Ana has 50 pesos and spends 25," put 50 pesos on the table. Have your child physically take away 25 pesos.

Do a quick check-in

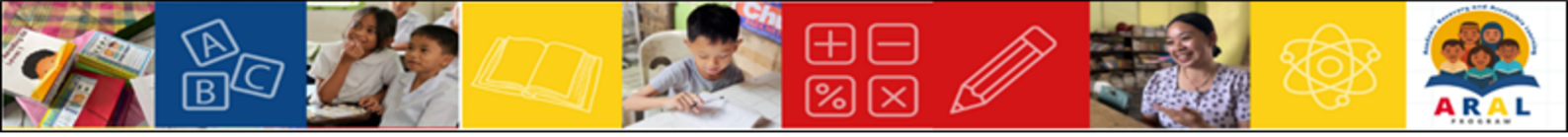
- Don't fight the reading: If your child is struggling to read the word "Encircle" or "Determine," just read it for them. The goal is Math, not reading.
- If they get an answer wrong, avoid saying “Wrong” immediately. Instead, ask them to show how they got their answer using the actual items. Often, they will see their own mistake as they move the objects.

Supporting confidence and encouraging a growth mindset

If the student struggles with reading, don’t forget to remind them that there is nothing wrong with making mistakes. What matters most is that they are trying and practicing. They can do it with patience and persistence! Offer praise or even small rewards for the effort they put in that day.

ARAL Learner Self-Reflection

Home Learning Activity 1 (May 8)	I can confidently read on my own!	I still needed some support but I can do most of tha activity with ease.	I still needed a lot of support.
Home Learning Activity 2 (May 15)	I can confidently read on my own!	I still needed some support but I can do most of tha activity with ease.	I still needed a lot of support.
Home Learning Activity 3 (May 22)	I can confidently read on my own!	I still needed some support but I can do most of tha activity with ease.	I still needed a lot of support.
Home Learning Activity 1 (May 29)	I can confidently read on my own!	I still needed some support but I can do most of tha activity with ease.	I still needed a lot of support.



Home Learning Accomplishment Checklist

Use this checklist to record Home Learning Time with your child. Record any observations or comments you have about the practice.

	Set 1	Set 2	Set 3	Observations / Comments
Home Learning Activity 1 (May 8)				
Home Learning Activity 2 (May 15)				
Home Learning Activity 3 (May 22)				
Home Learning Activity 1 (May 29)				

You are doing a great job! By spending this time together, you are showing your child that reading is a valuable skill they can master with your support.

ARAL-Summer Grade 3 Math Home Learning Activity 1

Set 1

Find the missing number in each pattern.

_____ 1. 80, 70, 60, _____, 40

_____ 2. 5, 10, 15, _____, 25

_____ 3. 100, 90, 80, _____, 60

_____ 4. 2, 4, 6, 2, 4, 6, _____, 4, 6

_____ 5. 50, 45, 40, _____, 30

Set 2

Add the following 3-digit numbers.

1. 234 + 561 = _____

2. 325 + 142 = _____

3. 456 + 231 = _____

4. 512 + 364 = _____

5. 643 + 125 = _____

Set 3

Add the following 4-digit numbers.

1. 2,134 + 3,542 = _____

2. 4,251 + 2,316 = _____

3. 3,425 + 1,263 = _____

4. 5,312 + 2,145 = _____

5. 1,623 + 4,251 = _____

ARAL-Summer Grade 3 Math Home Learning Activity 2

Set 1

Add three 3-digit numbers.

1. 234 + 156 + 321 = _____

2. 425 + 231 + 143 = _____

3. 312 + 254 + 167 = _____

4. 543 + 126 + 218 = _____

5. 215 + 342 + 134 = _____

Set 2

Subtract the following 3-digit numbers.

1. 589 - 243 = _____
2. 756 - 342 = _____
3. 867 - 453 = _____
4. 945 - 621 = _____
5. 678 - 234 = _____

Set 3

Subtract the following 4-digit numbers.

1. 5,678 - 2,345 = _____
2. 7,856 - 3,421 = _____
3. 6,543 - 2,231 = _____
4. 8,765 - 4,532 = _____
5. 4,987 - 1,654 = _____

ARAL-Summer Grade 3 Math Home Learning Activity 3

Set 1

Solve the word problems.

1. Ana has 50 pesos. She buys a snack for 25 pesos. How much money is left?

2. Ben had 100 pesos. He spent 35 pesos on pencils and 40 pesos on a notebook. How much money is left?

3. Clara saved 200 pesos. She gave 75 pesos to her sister. How much does she have now?

4. Dan has 150 pesos. He buys a toy for 85 pesos. How much money is left?

5. Emma had 180 pesos. She spent 60 pesos on fruits and 45 pesos on juice. How much is left?

Set 2

Multiply the following 2-digit numbers by 1-digit numbers.

1. 23 × 4 = _____
2. 35 × 3 = _____
3. 42 × 5 = _____
4. 56 × 2 = _____
5. 64 × 3 = _____

Set 3

Multiply the following 3-digit numbers by 1-digit numbers.

1. 123 × 3 = _____
2. 245 × 2 = _____
3. 312 × 4 = _____
4. 156 × 5 = _____
5. 234 × 3 = _____

ARAL-Summer Grade 3 Math Home Learning Activity 4

Set 1

Complete the multiplication tables.

1. 6 × 4 = _____

2. 7 × 5 = _____

3. 8 × 3 = _____

4. 9 × 6 = _____

5. 7 × 8 = _____

Set 2

Divide the following numbers.

1. 48 ÷ 6 = _____

2. 56 ÷ 7 = _____

3. 72 ÷ 8 = _____

4. 81 ÷ 9 = _____

5. 64 ÷ 8 = _____

Set 3

Divide by 10 and 100.

1. 240 ÷ 10 = _____

2. 560 ÷ 10 = _____

3. 800 ÷ 100 = _____

4. 350 ÷ 10 = _____

5. 900 ÷ 100 = _____