

MATHEMATICS Activity Book Grade 1





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Day: _____

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Unit# 1: Whole Numbers

Topic: Counting 1 to 9

After completing this unit, students will be able to:

- Identify numbers 1-9. •
- Read & Write numbers up to 9 in numerals . and in words
- Count backwards from 9.
- Identify 10 as a 2-digit number •
- Read, write & count forward and backwards • up to 99.
- Count in ten and recognize 100 as a 3-digit number
- Identify the position of objects using ordinal numbers.
- Match objects having one-to-one correspondence.

Activity 1:

- Identify 0 as a number.
- Match numbers 0-9 with objects. •
- Arrange numbers in ascending and descending • order.
- Compare and order the numbers 0-10.
- Identify the place value of specific numbers (tens and ones)
- Identify and write missing numbers in a sequence from 1-100.
- Compare two or more groups of objects in a • given set.
- Identify the number of objects in two groups to show "more than and "less than".

Mama bear is preparing birthday basket for her little daughter. Can you draw balloons for her 9th birthday?

Activity 1 A: Fill in the missing numbers in the train:









Activity 1 C:

Customers are standing outside the bakery shop; can you complete their order by drawing?



How Many? Count the objects in the given picture:



Date: _____



Activity 2: Colour the Jar that has "Zero" stars:



Did You Know?

66

"Empty" and "Zero" have the same meanings, but they are different when we measure the objects, "Empty" refers to nothing, whereas "Zero", is a numerical representation.

Activity 2 A:

Draw any picture that shows the difference between empty and zero.



Answer the following questions:

How many donuts are outside the box_____? How many donuts are inside the box_____?



How many books are outside the box_____? How many books are inside the box_____?



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How many bags are outside the box_____? How many bags are inside the box_____?











Date:	Date	:
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Unit# 1: Whole Numbers



Topic: Counting

Activity 3:

• Trace , draw and write number name.

Trace	Numerals	Words
RU N		
(7-5)	Figura timet	
152		
(<u>ic</u>)		
=7) 2/		

Day: _____

Activity 3 A

• Connect the dots, and complete the picture.



Above Figure (a):



Above Figure (b):

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"Forward counting is also called ascending order, putting a number in order from smallest to biggest".



Day: _____



• Write forward from 0 – 9.





What is your order in the family tree?

Day: _____



• Write numbers of your daily routine in correct order.



















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• Amna wants to come down. Fill the boxes according to the order.



Backward Counting:

_

Day: _____

Activity 5 B:

Roll a dice to create a number. Write your number in the box. Then count backwards and write the numbers on the line.



Date:



Place the numbers in the order from "9".





Colour the order according to the instructions, from left to right.





Colour the Third cupcake "Pink".



Colour the Sixth boy in the line "Green".



Colour the first girl in line "Red".

Activity 6 B:

M

Follow the number game and help the car reach its destination.





Day: _____

(@)(@)	A

• Fill in the missing numbers.



Activity 7 B:

• Solve this jigsaw puzzle, in the correct order in each row.



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• Count to fill a ten frame, how many more circles do you need to make 10.



• How many more hearts do you need to make 10?



• How many more diamonds do you need to make 10?

\Diamond		
\diamond		





• Count the umbrellas and write the value in the place chart.



Tens	Ones	1 ten and 0 ones=10
		Prema Financia Financia Financia

• Count the apples and write the value in the place chart.



Dav	
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90 Activity 10: Numbers 0 to 9 are Match the numbers with objects. • called ones. 3 ••• ••• 0 0 ••• ••) 00 5 * * * 8 7 1 6 9 N 51k 2 alto alto alto alto alto alto 10 A 4

9 is the greatest 1-digit number.

Date:	Day:
Activity 10 A:	
One Set of 10 objects	Add one more object
Makes Tens (10)	Makes 10 and 1 (One)=11

• Circle the correct number of objects.



Date:	Day:
Activity 1	l0 B:
2ª	I have 12 pencils.
(in the second	Let's circle 10 pencils to make a bundle.
	1 ten and 2 ones=12
Now, I have 1 b	undle of 10 pencils and 2 more pencils.
Activity 1	l0 C:

- Fill in the correct tens and ones for the given numbers.
- a) _____tens and ____ones=24

b) _____tens and ____ones=29

- c) ____tens and ___ones=23
- d) ____tens and ____ones=27
- e) _____tens and ____ones=25
- f) ____tens and ____ones=21
- Fill in the correct digits with the given numbers.
- a) _____= 3 tens and 2 ones
- b) $__= 4 \text{ tens and } 0 \text{ ones}$
- c) ____=3 tens and 5 ones
- d) _____=3 tens and 3 ones

Day: _____

- e) _____=3 tens and 1 ones
- f) _____=3 tens and 7 ones
- Write the place value of the underlined digits.

Example: 53 = 5 tens

- 1. <u>4</u>0=____
- 2. 4<u>9</u>=____
- 3. 5<u>0</u>=____

Activity 10 D:

• Arrange the numbers in ascending order.

7	5	8	2	3
		Pern Figuraise Education Retroyde		

23	10	34	42	50

15	12	18	16	13

26	44	39	12	21

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• Colour & complete the picture by joining the dots from 1 to 52.





• Write the number in descending order.





Day: _____



• Circle the incorrect number in the sequence.

56	57	55	58	59
82	86	83	84	85
69	68	70	71	72
94	95	96	97	99

NI.	72	79	73	74	75
			P		

• Can you regroup tens and ones?

a) 58 is 5 tens plus 8 ones. Which is another way to make 58?

3 tens plus 8 ones / 4 tens plus 15 ones.

b) 91 is 9 tens and 8 ones. Which is another way to make 91?

8 tens plus 19 ones/ 8 tens plus 11 ones.





Activity 11:

- Which words make the statement true? Tick the correct option.
- a) 9____8
 - 1. Is greater than 2. Is less than 3. is equal to
- b) 1____6
 - 1. Is greater than 2. Is less than 3. Is equal to
- Circle the correct answer.



- 1. 31 is bigger than 46, 21, 52
- 2. 78 is smaller than 58, 72, 87
- 3. 66 is smaller than 98, 56, 39
- 4. 49 is smaller than 11, 30,55
- 5. 97 is bigger than 99, 96, 93
- 6. 77 is bigger than 79, 82, 50
- 7. 33 is smaller than 58, 32, 19



Date	•
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• Place the numbers below in the correct order from smallest to greatest.

95	65	85	55	75
60	15	79	45	8
32	9	28	98	19

• Place the numbers below in the correct order from greatest to smallest.

44	88	33	11	77
93	99	95	97	92
5	78	24	83	18

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Let's arrange the numbers 55,63,74,43,58 in ascending and descending order.

Ascending order: _____

Descending order: _____



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Write the missing numbers in the given boxes.

0				4	5
	15			18	
32		34			37
	59	Pagnise fa	61		
75		77		79	

Date:





Day: _____

• Draw a line between each bird's position and the ordinal number.



third eighth sixth \rightarrow second Ordinal numbers are used to place objects in an tenth order and to identify their correct position fourth first seventh fifth ninth

Dav	•	
Day	•	

• Colour the ice cream scoop.

first scoop blue. ninth scoop yellow. tenth scoop red. second scoop green. fourth scoop purple. eighth scoop brown. third scoop orange. fifth scoop green. sixth scoop brown.

Date:	Day:
<u>Unit# 1: Whole Numbers</u> <u>Topic: One-to-One Correspondence</u>	
Activity 15:	

• Match the objects having one-to-one correspondence and write less or more in the blanks.





Date	•
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Activity 16:

• Tick (\checkmark) the last box which has more objects and fill in the blanks.



So, 3 is _____ more than 1.



So 1 is ____less than 3.

- Tick the groups according to the instructions.
- 1. Colour the group which has a greater number of objects.



2. Colour the group which has a smaller number of objects.





• Compare the numbers and write how much a number is more than the other.

	Pagenzie Gazatina Monet
1.	
	So, 8 ismore than
2.	13 20
	So, 20 ismore than
3.	9 16
	So, 16 ismore than
	The "+" symbol is used for the addition process.
• Addition of 0-digit and 1-digit numbers.





• Let's count and add.



Activity 17 B:

• Solve the problems.

- 4 girls sat at their desks.
 3 boys sat at their desks.
 How many children?
- 2. 2 Apples for teachers.3 Apples for children.How many apples?

_____+____=_____

- 4. 3 Rulers Add 2 Rulers

How many Rulers?

____+___=____

5. 9 stars on the desk6 stars put on homeworkHow many stars?

_____+____=_____

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Activity 17 C:

• Count and add. Then use the symbols + and = and write the correct answer.



Date: _____

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Activity 17 D:

• Add and then colour the picture using the colour key given below.

Day: _____



- 2 ORANGE
- 3 PINK
- 4 WHITE
- 5 BLUE
- 6 YELLOW
- 7 PURPLE





Activity 17 E:

- Word problems.
- 1. Ali has 15 pencils. Ahmed gave him 5 more. How many pencils does Ali have now?

Ans.

Tens	Ones
	Pen

2. Sara bought 12 red balls and 6 blue balls. How many balls did she buy?

Ans.

Tens	Ones

3. My friend has 17 balloons. I have 3 balloons. What is the sum of our balloons? Ans.

Tens	Ones



• Solve the word problems.

1. Amna had 14 toffees. Her mom gave her 35 more toffees. How many toffees does Amna have now?

Ans.

	Tens	Ones
Total=		

2. There are 10 parrots and 12 pigeons on a tree. How many birds are there on the tree?

Ans.

	Tens	Ones
Total=		

3. Dawar read 23 pages of his storybook yesterday. Today he read 29 pages. What is the total number of pages that he read?

Ans.

	Tens	Ones
Total=		





Activity 17 H:

- Add the following numbers by using mental strategies.
- 1. 5 + 16 =
- 2. 15 + 5 =
- 3. 12 + 3 =
- 4. 1 + 1=
- 5. 8 + 10 =
- **6.** 14 + 4 = _____

Always add ones in ones and tens in tens

Date: _____

<u>Unit# 2: Number Operations</u> <u>Topic: Subtraction</u>



Learning Outcomes:

After completing this unit, students will be able to:

- Compare numbers from 1 to 20 to identify "how much less" one is from another?
- Recognize subtraction as a difference and take away, and use the symbol "_"
- Subtract, the 1-digit number from a 1-digit number.
- Subtract a 1-digit number from a 2-digit number.
- Subtract tens from a 2-digit number
- Suba traces a 2-digit number from a 2-digit number.
- Recognize the use of a symbol to represent an unknown
- Subtract numbers (up to 20) using mental strategies involving real-life situations.
- Construct a subtract sentence from a given picture or number of stories.

Activity 18:

• Compare the following numbers and write how much less a number is from the other.



Date: _____

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Activity 18 A:

• Solve the statements, and circle the correct answers.

How do you make 2?

- 1. 4 2=
- 2. 3-2 =
- 3. 7 4=
- 4. 2-2=

How do you make 4?

- 1. 1 0 =
- 2. 4 0 =
- 3. 3 2 =
- 4. 4 4 =

How do you make 7?

- 1. 7 7 =
- 2. 8 7 =
- 3. 10 7 =
- 4. 10 3 =

How do you make 10?

- 1. 10 10 =
- 2. 9 0 =
- 3. 9 1 =
- 4. 10 0 =



The "- "symbol is used for the subtraction process. When a number is subtracted from itself, the result is always 0.

Date:

- In each case, subtract and write the correct number of objects.

• Solve the junk food subtraction problems by crossing out the amount to be subtracted. Write the answers on the lines.



Date:		Day:
•	Write the subtraction sentence using (- and =)	
1.	5 less 1 is 4	
2.	6 take away 5 equals 1	
3.	9 less 5 is 4	
4.	7 take away 4 equals 3	
٠	Solve the word problems.	

1. A train had a total of 12kg of meat. If they had 7kg of fresh meat, how many kg of dried meat did they have?



2. Mona is reading a book that has a total of 13 pages. So far, she has read 4 pages. How many pages does she have left to read?

3. There were 12 ducks in the pool. Then, 3 got out of the pool. How many are left in the pool?

Date: _____

• Solve the place value chart.

Tens	Ones
3	8
-1	2

Tens	Ones
4	8
-1	0

Tens	Ones	Tens
5	3	6
-1	1	-2

Tens	Ones
6	7
-2	2

Tens	Ones		Tens	Ones
9	5		9	7
-5	5 🔎	Programina	- - 6	7

• Write the unknown number and fill in the blanks.

1.
$$8-5=$$

- 2. 12 -____= 8
- 3. _____ 10 =
- 4. 55 ____= 20
- Subtract the following numbers using mental strategies.
- 1. 12 10 =
- 2. 17 15 =
- 3. 12 2 =
- 4. 18-4 =





- Which one is longer, your pencil or your eraser?
- •

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Dav	
Day.	_





1.

2.

3.

Activity 21 B:

Day: _____ Write A for tall, B for taller & C for tallest.











Date	:
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Date:	Day:
Activity 22 B:	
• Colour the highest paper	r plane
• Colour the lowest hanging	ng cloud
• Colour the kite that is no Lowest and the highest	ot the
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	Day:
B:	
orrect wor	d
th:	an the screwdriver.
lighter	
	_ then the pizza part.
lighter	Parate listers how
	than the ice-cream.
lighter	
	_ than the balloon.
lighter	Image: Non-StateImage: Non-StatePROGRESSIVE EDUCATION NETWORK60
	B: prect word that lighter lighter lighter



Date.



• Colour the shortest flower.





• Draw flags in the given boxes and colour them.

High	Higher	Highest



Rs.





Dav	•	
Day	•	_



• Changing Money

We can exchange one high-value coin and note for other lower-value coins and notes. The unit of money is "Rs"



Rs.2=Rs1+Rs1

• Complete the following.







Rs.100 =

• Match the same amount of money.











Date: _____

Day: _____



• Addition and Subtraction of Money

• How much money is it?





Day: ___

Learning Outcomes:

Date:

After completing this unit, students will be able to:

- Recognize the hour and minute hands of an analogue clock.
- Read and tell the time in hours from the analogue clock for example 2 o'clock.
- Read and tell the time in hours from the digital clock.
- Name of days of the week in order.
- Identify which day comes after/before a particular day.
- Name (orally) the solar months of the year.
- Name (orally) the Islamic months of the year.



• Write the numbers in clock order.





• Draw the hour and minute hand on each clock and show the number.



• Let's make practice fun, it's **3:00 pm** draw an analogue clock and digital clock to show the mentioned time.



Date	•
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• Trace the days of the week.



• Look at the days and activities. Write the correct day for these activities.







- 1) He is very busy on _____.
- 2) He is happy on ______.
- 3) We are at the party on _____.
- 4) My football training is on _____.
- 5) The exam is on ______.
- 6) They are at home on ______.
- 7) Our shopping is on ______.


• There are 12 months in a year.

1 year = 12 months

• What is the month of your birthday?

Day: _	
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Islamic Month Calendar	الشهرالهجري

• Write down the Islamic Month of the year in the correct order. First one has been written for you.



- True or False. If false write the correct statement.
- 1. The seventh month of the Islamic calendar is shawal _____.
- 2. There are twelve months in the Islamic calendar ______.
- 3. Safar is the third month of the Islamic calendar ______.

• Fill in the blanks.

- 1. In which month do Muslims fast? ______.
- 2. When do Muslims celebrate Eid-ul-fitar _____.
- 3. In which month do Muslims travel to perform Hajj? ______.

Date: _____



Topic: Basic 2-D Shapes



Learning Outcomes

After completing this unit, students will be able to:

- Recognize and identify shapes of similar objects in daily life.
- Identify the following basic shapes:
- Rectangle
- Square
- Circle
- Oval
- Triangle
- Match similar basic shapes in daily life.
- Distinguish basic shapes by considering their attributes(sides).
- Classify 2-D shapes according to the number of their sides and corners.
- Identify the next shape in the patterns with 2 or 3 elements.
- Extend a given pattern of 2 or 3 elements.

Activity 29 A:

• Find the shapes in the picture given below, colour and count them.



• Instructions:

Colour the Circle green

Colour the Triangle red

Colour Square Yellow

Colour Rectangles Pink

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Date: _____
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• Count the shapes:

Circle	Square	
Triangle	Rectangles	

- Draw and colour.
- 1) Draw 3 more triangles



2) Draw 2 more squares





3) Draw 4 more circles



4) Draw 1 rectangle





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Date: _____
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Day: _____
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• Circle the picture what comes next.



• Colour the picture to create the patterns of your own choice.



Date:	<u>Unit# 6: Geometr</u> <u>Topic: Position</u>	Day:
Ac	tivity 30:	



Colour the bird orange if it's inside; colour the bird yellow if it's outside.



Day:

- Circle the correct statement.
- 1. Circle the lion that is inside.



3. Circle the bunny that is outside.



5. Circle the dog that is inside





• Do practice.

Draw the candies outside the jar.

jar.



2. Circle the parrot that is outside



4. Circle the toothbrush that is outside



6. Circle the fruits that are outside



Draw the beads inside the









• Colour the helicopter above the cloud green and the helicopter below the cloud pink.





• Do it yourself. Circle the objects that are above the tree.









• Colour the ball over the table blue and that ball under the table red.



Day: _____

• Look at each image and underline the correct preposition.



The frog is over / under the mushroom.



The ladybug is over / under the flower.



The sun is over / under the cloud.



- The plate is over / under the cupcake.
- Do it yourself. Draw the ball over the chair.







• Colour the bus near the school yellow and the bus far from the school orange.







Dav	•	
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• Cut out the picture and paste it into the right place.



- Do it yourself.
- 1. Draw the ant near the anthill.



2. Draw the bird far from the tree.



Date	•
Date	•



Activity 34:

• Trace the words after and before.



• Colour the letter before "C" red and the letter after "C" green.



• From counting 1 to 5, what comes before 3 and after 3?

Answer: before 3 _____ After 3 _____

Day: _____

• Look for the image in column A, and the options in column B. circle the image that is before it.

<u>8</u>

Day: _____

