

ICSE
WOW!
MATHS

UPDATED EDITION

1

BASED ON THE SINGAPORE BAR MODEL METHOD

AS PER LATEST
ICSE CURRICULUM

Content developed by



E3 EDUSOLUTIONS
TRANSFORMING LEARNING

Activity Book



Communication

Chapter 1: Rewind

A 1

Count the following and say in a complete sentence:

- Number of books you have in your bag
- Number of members in your family
- Number of friends you have

Chapter 11: Shapes and Patterns

Make a wind chime using only geometrical solid shapes. Use only waste materials available at home like used cans, toothpaste box, bangles, etc. Describe in class how you made the wind chime.



Chapter 12: Data Handling

Conduct a survey to find out the favourite drink of your friends; (orange, cola, lemon, mango, and chocolate). Prepare a picture graph for the data collected. Interpret the picture graph by asking questions such as: How many friends like cola? How many of them like orange?



India and Culture

Chapter 4: Number Bonds

Think of any two Indian states. Find out how many students belong to those states. Add the numbers and write the addition sentence.



Chapter 7: Subtraction to 10

Count the number of people in the picture. How many of them are wearing Indian clothes? How many people are left? Cross them out and find the answer.





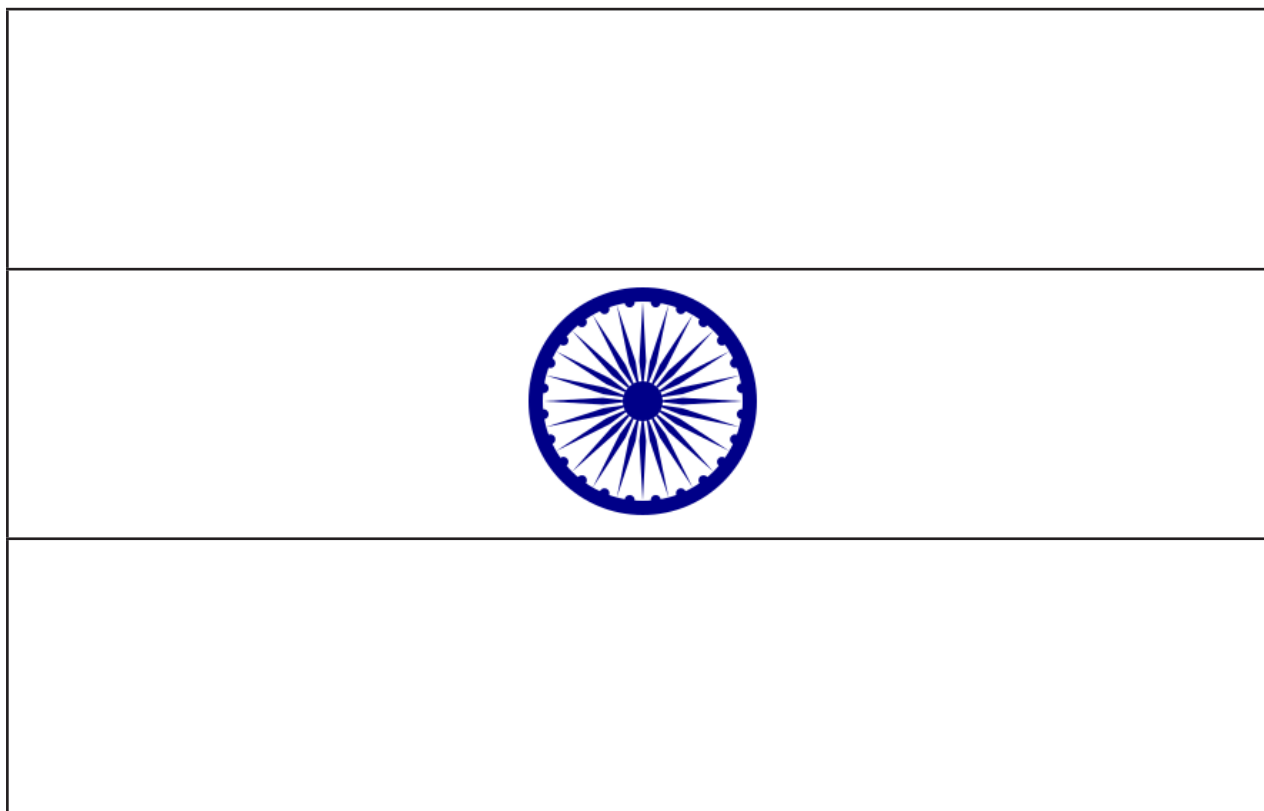
Chapter 2: Numbers 11 to 20

Make a list of festivals we celebrate in our country. You may search the festivals on the Internet. Count the total number of festivals celebrated in one year. Draw a picture of your favourite festival. Describe the festival in class.



Chapter 3: Numbers 20 to 10

Count the number of spokes in the Ashoka Chakra of the Indian flag. Colour the flag.



Chapter 10: Measurement

Measure the width of the tricolour using your eraser.



Science and ICT

Chapter 1: Rewind

Find out how many legs the following animals and insects have:



- a. Spider
- b. Cockroach
- c. Lion
- d. Rabbit

Creativity

Chapter 4: Number Bonds

Make a family tree. Draw lines and add the number of your family members.



Chapter 9: Time

Make a toy train with empty match boxes or any other waste material. Name the engine as the first day of the week and all the subsequent coaches with the names of the days in the proper order.



Art

Chapter 1: Rewind

Make different designs using vegetables and write the number of number of objects you created.



Chapter 5: Addition to 10

How many petals do you need to draw on each flower so that there are 10 petals? Write the number and draw the petals. Colour the flower.



Value Integration

Chapter 1: Rewind

Count and compare the number of plants with flowers and plant without flowers in your balcony or park. Do not pluck any flowers or leaves.



Chapter 7: Subtraction to 10

Find and paste 10 pictures of food items from the Internet, newspaper, or magazine. You can also draw the pictures. Cross out the pictures of junk food. How many pictures are you left with? Write their numbers.



Experience and Apply

Chapter 1: Rewind

Ask your mother to make a dish with a vegetable that is most in number in the fridge. How did you find out that the vegetable is most in number? Which vegetable is least in number?



Go for a walk with your parents. Find the house number before/after your house. Find the house number before/after your friend's house.



Chapter 4: Number Bonds

What other symbols/things look like the addition symbol?
Where do you see them? Draw the pictures of those things.

A large, empty rectangular box with rounded corners, intended for the student to draw pictures of symbols or things that look like the addition symbol.

Chapter 3: Numbers 20 to 100

Walk from one end of the classroom to the other. Count the number of steps. Compare the number of steps you took with that of another student. Who walked more number of steps? What does it tell you about the foot size? Discuss.



Chapter 9: Time

Mark the birthdays of all the family members on a calendar. Arrange them and find out whose birthday comes first in a year. What do you do on their birthdays? Describe in class.



Collaboration

Chapter 4: Number Bonds

Work in groups of 4. Each student must bring any fruit from home. After counting the number of fruits, each group should make a fruit chart. Depict using number bond. You can eat your fruits after the activity is done. Make sure you do not waste any fruit. Describe the taste of each fruit.



Chapter 5: Addition to 10

Distribute different number of ice-cream sticks to students. Make sure each student has less than 10 sticks. Students should ask around and find someone with whom they can pair to make a total of 10 sticks.



Chapter 7: Subtraction to 10

Students should bring any fruits or snacks up to 10 in number. Have them share them with their friends. As they give to their friends, they must say and write the subtraction sentence with the right terms.



Chapter 3: Numbers 20 to 100

Work in pairs. Give each pair some straws, rubber bands and 1 dice. One student throws a dice and the other picks up straws according to the number on the dice. When the number of straws picked are more than 10, then the students should make bundles of 10 using the rubber band and keep aside. Students should keep the loose straws separately. Count the number of bundles and loose straws after no more bundles can be formed. Compare your answer with the other pairs of students and record the findings in a table.



Group	Name of students in the group	Number of bundles	Number of loose straws	Total number of straws