



# Some Major Skills & Focus Areas

## In Living Maths 1-5

“**Creativity** refers to new ways of seeing or doing things and includes generating new ideas, flexibility, originality, and building on others’ ideas.”

– 21st Century Skills Handbook by CBSE



### Creativity

- BK 1 pp. 32, 57, 143
- BK 2 pp. 132, 154
- BK 3 pp. 74, 119, 132
- BK 4 pp. 23 (C), 76, 124, 139, 212
- BK 5 pp. 52, 115, 179



### Critical Thinking

All HOTS questions & brain teasers:

- BK 1 pp. 12, 28, 41, 61, 87, 93, 108
- BK 3 pp. 30, 39, 61, 70, 111, 146
- BK 4 pp. 8, 17, 50, 66, 70, 89, 102
- BK 5 pp. 12, 47, 51, 72, 86, 107

“**Communication** refers to the ability to express one’s opinions, desires, needs, apprehensions etc., appropriately—verbally and non-verbally.”

– 21st Century Skills Handbook by CBSE



### Communication

- BK 1 pp. 4-5, 84, 89
- BK 3 pp. 32, 173, 183
- BK 4 pp. 22, 32, 51
- BK 5 pp. 52, 103, 217 (B)

“**Collaboration** is the ability to effectively work together with others.”

– 21st Century Skills Handbook by CBSE



### Collaboration

All pair work & group activities:

- BK 1 pp. 16 (A Value for Me), 46, 57, 97, 111 (A Value for Me), 125, 134, 150
- BK 2 pp. 23, 55, 88, 101, 115, 126
- BK 3 pp. 20, 46, 64, 74, 173, 183

The students put together number cards to make the number called.

70 8

The other pairs of students take turns to repeat steps 2 and 3 with different numbers.



#### A Value for Me

The students of Class 1 are together making pictures for the School Annual Day function. Mehul has made 40 pictures, Malhar has made 25 and Mala has made 35 pictures.

1. Who has made the most number of pictures?
2. Who has made the least number of pictures?



FOR THE TEACHER: Before beginning the activity, show the students how to form a number with the number cards.



BK 1, p. 111

BK 3, p. 146 HOTS

1. Manoj has two books weighing 320 g and 680 g. What is the total mass of the two books?
2. Meena purchased two potted plants. One potted plant weighed 7 kg while the other weighed 8 kg 400 g. What was their total mass?
3. Meeta’s suitcase weighs 12 kg 900 g and Raman’s suitcase weighs 20 kg 800 g. What is the difference in the mass of the two suitcases?
4. Mr Rao bought 35 kg 500 g of rice. At the end of the month, 6 kg 750 g of rice was left. What was the quantity of rice consumed?



My uncle is travelling to Guwahati. He is allowed to take 2 suitcases, each of which can weigh not more than 20 kg. One of his suitcases is full and weighs 20 kg. The other suitcase has things that weigh 12 kg. He wants to take as many gifts as possible for his relatives.



HOTS Questions

Which of these gifts will he have to leave behind?

- 2 kg
- 1 kg 200 g
- 800 g
- 1 kg
- 4 kg
- 3 kg

**Critical Thinking** is the ability to think clearly and rationally and understand the logical connections between ideas; to analyze facts and come to a conclusion.

#### Rainbow method

Another method you can use to find the factors of a number is the rainbow method. Let us draw a rainbow to find the factors of a number, say 24.

Step 1 Make a curved line as shown. Write 1 at one end, as 1 is a factor of every number. Write 24 at the other end, as the number itself is also a factor.  $1 \times 24 = 24$

Step 2 Make another curved line. Check if 2 is a factor of 24.  $2 \times 12 = 24$ .

Yes it is, so write 2 at one end and 12 at the other. Repeat step 2 with the next numbers 3, 4, and so on.

$3 \times 8 = 24$        $4 \times 6 = 24$

5 is not a factor of 24. As 6 is already in the rainbow, stop here.

ANS. The factors of 24 are 1, 2, 3, 4, 6, 8, 12 and 24.



BK 4, p. 74

**Conceptual Understanding** refers to an integrated and functional grasp of ideas.



### Problem-solving

- BK 1 pp. 18, 25, 26 (C), 33, 113, 151
- BK 2 pp. 40, 90, 103
- BK 3 pp. 34, 89, 175
- BK 4 pp. 23, 41, 42
- BK 5 pp. 51, 112, 157, 209 (D)

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