

A landmark document, the National Education Policy 2020 (NEP) is a framework that emphasizes the holistic development of learners through experiential learning, arming them with twenty-first-century skills.

Rahna Sagar has always been at the forefront whenever any change is introduced by the government, the CBSE, the NCERT or other boards.

We updated our books and provided support for:

- COMMUNICATIVE APPROACH
- NCF (2005) CCE (2010)
- NEP (2020)
 CBA (2021)
- NIPUN BHARAT (2021)
 SAFAL (2021)

All our major courses are fully compliant with NEP 2020 guidelines.

Here we present Ribbons 1-5.

Ribbons LKG and UKG is also available.

NIPUN NIPUN

Some Major Skills & Focus Areas

In Ribbons 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 2 Term 1 pp. 36 (A), 133 (G) Term 2 pp. 38 (N), 107 (H) BK 3 Term 2 pp. 25 (O), 131 (H) Term 3 pp. 23 (L), 139 (F) BK 4 Term 1 pp. 13 (K), 183 (E) Term 3 pp. 37-38 (C), 127 (F)



Collaboration

- BK 1 Term 1 pp. 11 (K), 80 (B) Term 3 pp. 21 (N), 102 (E) BK 4 Term 2 pp. 41 (A), 95 (MLA) Term 3 pp. 107 (F), 152 (A)
- BK 5 Term 1 pp. 24 (J), 187 (E) Term 2 pp. 45 (L), 141 (A)



B Working with numbers

Find out the age of your family members. Write it below their pictures.





BK 1 Term 2, p. 84 (MATHEMATICS)









Mummy



Grandpa Uncle

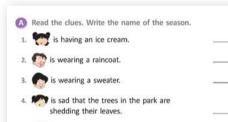
- Who is older? Papa or Grandma? How much older?
- Who is younger? Uncle or Papa? How much younger?
- · How much do you get if you add Mummy's and Papa's age?
- · How much will you get if you subtract Mummy's age from Grandma's age?
- **Critical Thinking**
- BK 1 Term 2 pp. 33 (K), 84 (B) Term 3 pp. 30 (F), 101 (D) BK 3 Term 1 pp. 47 (A), 75-76 (Ex. 1.3) Term 3 pp. 97 (A), 139 (D)
- BK 5 Term 1 pp. 149 (F), 193 (D) Term 2 pp. 104 (Ex. 5.1), 120 (F)

66 Communication

refers to the ability to express one's opinions, desires, needs, apprehensions etc., appropriately-verbally and non-verbally. 11

- 21st Century Skills Handbook by CBSE

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.



BK 2 Term 3, p. 123 (EVS)

f. (a) is watching the flowers bloom.

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



Communication

- BK 2 Term 1 pp. 22 (J), 36 (B) Term 2 pp. 16 (O), 107 (F)
- BK 4 Term 2 pp. 14 (N), 142 (F)
 - Term 3 pp. 14 (O, P), 36
- BK 5 Term 1 pp. 14 (O), 15 36 (P), 37 Term 3 pp. 13 (P), 14,
 - 36 (O)



Problem-solving

- BK 1 Term 1 pp. 23, 59 (A), 115 (B)
 - Term 3 pp. 31 (H), 64 (C), 89 (F)
- BK 2 Term 1 pp. 46 (A), 76, 149
- Term 2 p. 52 (Get Set, Go!)
- BK 3 Term 2 p. 65 (Get Set, Go!)
 - Term 3 pp. 102 (B), 151 (E), 160

SKILLS - page 2 FOCUS AREAS - page 3

Work in groups of six. Make a poster on the importance of planting trees.

- Choose a theme like: trees give us clean air; trees reduce noise pollution; trees give shade and food to many.
- Draw pictures or paste photographs.
- Give your poster a catchy title.
- Write one or two sentences about the theme of the poster below the picture.



BK 4 Term 2, p. 41 (ENGLISH)

Collaboration is the ability to effectively work together

21st Century Skills Handbook by CBSE

with others. ??



Application of Knowledge

BK 2 Term 1 pp. 13, 67 (MLA), 106 (H) Term 2 pp. 11 (E), 89 (Ex. 4.5), 110 (E) BK 3 Term 1 pp. 11-12 (L), 147 (D), 197 Term 3 pp. 34 (K), 68 (Life Skills) BK 4 Term 2 pp. 25 (M), 127 (B), 168 Term 3 pp. 22 (K), 80 (MLA), 94 (C), 107 (G), 146 (G), 159



Conceptual Understanding

BK 1 Term 2 pp. 24-25 (N), 79 (MLA), 106 (D) Term 3 pp. 32 (I), 71 (B, C), 97 (E) BK 2 Term 1 pp. 24 (L), 87 (Values), 110 (E)

Term 3 pp. 14 (M), 86 (MLA), 123 (A)

BK 4 Term 1 pp. 35 (O), 80, 128 (G), 164 (D), 178 (D), 205

Term 2 pp. 41 (B), 62 (Ex. 1.6), 81 (MLA), 126 (G)



66 Experiential Learning is learning imbibed through observing, understanding, practising and experiencing. "

- 21st Century Skills Handbook by CBSE

Best from Waste Match the recycled items, shown here, with the things from which they a. plastic bottle b. socks c. jeans The Rock Garden is in Chandigarh, it was built by Nek Chand. The structures in this garden are made from discarded materials – bottles, glasses, bangles, tiles, ceramic proken crockery and electrical waste. glasses, bangles, tiles, ceramic pots, BK 3 Term 3, p. 166 (GK) includes:

Environment, Art Integration, Values

Multidisciplinary Approach

involves several different subjects of study.



Experiential Learning

BK 3 Term 1 pp. 22-23 (N), 137 (I), 157 (I) Term 2 pp. 37 (Q), 83 (MLA),

119 (Get Set, Go!)

BK 5 Term 2 pp. 14-15 (R), 80 (MLA),

139-140 (G), 170 (H), 188 (B)

Term 3 pp. 12 (N), 59 (MLA), 112



Multidisciplinary Approach

BK 1 Term 1 pp. 5: ENGLISH-EVS, Values, HPE, 47 (E): MATHS-EVS, Art Integration, 120: GK-EVS, Art Integration

> Term 2 pp. 9 (D): ENGLISH-EVS, Life Skills, 13 (L): ENGLISH-EVS, Life Skills, 123: GK-EVS, Values, Life Skills

BK 3 Term 1 pp. 43 (M): ENGLISH-HPE, Life Skills, 71-72 (A): MATHS-Social Studies, 192: GK-Science, Social Studies

> Term 3 pp. 23 (M): ENGLISH-Science, Environment, 35 (M): ENGLISH-Social Studies, 166: GK-Environment, Art Integration,

> > Values

Listed here are just a few illustrative examples of NEP-compliant pages. We will be happy to provide the other page references.

NIPUN

Air exerts pressure in all directions EXPERIMENT 6

Take ar empty tin and insert a balloon into w hard into the balloon to make it up the inside of the tin. Tie its neck very tightly, and lift the balloon up. The air inside the balloon presses on all the sides, and can easily help to lift the tin up. Therefore, we say that air exerts pressure

Checkpoint 88

Circle the correct answers.

- 1. Changes in the weather occur in
- (exosphere / troposphere / mesosphere). 2. (Ozone / Oxygen / Argon) absorbs the ultraviolet rays of the sun.
- 3. (Weather / Air pressure / Humidity) is the amount of water vapour in the ai
- 4. Air exerts pressure in (one direction / two directions / all directions).

WATER TOO SUPPORTS LIFE

Water is as important as air for our survival. We need water to drink when we are thirsty. We cannot stay thirsty for long. Plants too cannot live long without water. Water is also needed for cooking bathing, washing and construction work

It is important for us to drink pure water. The purest form of natural water is rainwater Rainwater can dissolve substances from the air, collect dirt, certain living and dead things and other impurities. This water must be purified and made suitable for drinking.

The water in wells and rivers is impure due to a insoluble impurities which can be seen, b. soluble impurities which cannot be seen, and e. disease-causing germs

EXPERIMENT 7-

Half fill a test tube with water and add two spoons of salt to it. Observe it minutely. Repeat this with sugar, sand, copper sulphate, gravel, tea leaves and talcum powder. What do you observe?

You will see that some solids dissolve in water but others do not. When a solid dissolves in a liquid, a solution is formed. Which of the above solids dissolve in water to form a solution?

val of insoluble impurities

Insoluble impurities present in water may be removed by sedimentation and decantation.

EXPERIMENT 8

Take a mixture of soil and water in a beaker stir it well with a glass rod. All the mixture to stand for sometime. The wier soil particles will settle down at th ottom of the beaker. This is sedim low carefully drain the clean water on the top into another beaker. This is called lecantation (Fig. 1.8).



BK 5 Term 3, p. 112 (SCIENCE)

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Rafna Sagar support for NEP, CBA, SAFAL, etc.

Available on request

- Model question papers for CBA
- Summaries & paraphrase
- Extra activities & projects
- Extra questions
- Sample questions (SAFAL for Classes 3, 5 & 8)
- Workshops
- More as newer policies are announced

CLARGE	NUMBERS		
A. Tick (/) the correct options.			
The expanded form of 6,53,252 is			
a. 65000 + 200 + 50 + 2			
s. 6500000 + 3000 + 200 + 50 + 2			
e. 600000 + 50000 + 3000 + 200 + 50 + 2			
d. 60000 + 500000 + 3000 + 200 + 50 + 2			
2. What is the place value of 8 in the number 5	83210?		
а. 800000	c. 800	L 8	
3. By how much would the value of 6548 be cl	anged if the digit	5 is replaced with t	he digit 7
a 500 b. 700	e. 200	u. 2	
II. Round off the following numbers to the ne	arest hundreds.		
1. 256		(項	
2 530			
1 9253		7	1
			50.
C. Write in words according to the Indian pla	ce-value system.		
1. 749689			
2. 157645			
D. Convert into Roman numerals.			
1. 37 1. 45	J. 56	4. 79	_
E. Convert into Hindo-Arabic numerals.			

Maths worksheet, Ribbons BK 4

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