

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.

Ratna 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 Living Science 1-5.

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The Living Science set includes the Primer Book.

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# Some Major Skills & Focus Areas

## In Living Science 1–5

<sup>44</sup> Creativity refers to new ways of seeing or doing things and includes generating new ideas, flexibility, originality, and building on others' ideas. <sup>91</sup>

- 21st Century Skills Handbook by CBSE
  - Creativity

     BK 1
     pp. 33 (G), 54 (F), 73 (F), 77 (E)

     BK 2
     pp. 13 (F), 36 (H), 37 (B), 73 (G)

     BK 3
     pp. 74 (G), 81 (E), 107 (D)

     BK 5
     pp. 26 (H), 50 (H), 64 (F), 125 (F)



#### Collaboration

All pair work & group activities: BK 1 pp. 20 (A), 20 (D), 25 (D),

41 (B), 65 (F) BK 3 pp. 24 (F), 32 (G), 66 (G), 107 (E)

BK 4 pp. 14 (H), 22 (F), 64 (H), 82 (J), 98 (F)

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#### <sup>44</sup> Collaboration

is the ability to effectively work together with others. **??** 

– 21st Century Skills Handbook by CBSE

#### BK 3, p. 90

**Critical Thinking** 

pp. 13 (D), 18 (C), 32 (E), 72 (D), 93 (C)

pp. 15 (G), 39 (D), 90 (E), 107 (C),

pp. 15 (G), 26 (G), 49 (E),

refers to the ability to

express one's opinions,

and non-verbally.

BK 1

BK 3

BK 5

desires, needs, apprehensions

- 21st Century Skills Handbook by CBSE

Communication

54 (G)

92 (A)

pp. 19 (F), 25 (D), 27 (H),

pp. 32 (F), 45 (F), 67 (I),

pp. 28 (M), 35 (H),

37 (B, C), 89 (I)

etc., appropriately-verbally

All HOTS Questions:

115 (F)

89 (F), 117 (E)

<sup>44</sup> Communication

BK 1

BK 3

BK 5

#### HOTS questions

#### E. Think and answer.

 During a thunderstorm, Sara saw lightning first and then heard thunder. Why is it so? (Hint: Which travels faster—light or sound?)





3. Mihir is not able to study for his test. Look at the picture carefully and say why.

2. Atul is cycling to meet his grandmother

so while returning. Why?

who lives on a hill. Atul cycles harder while going uphill. He doesn't have to do

**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.

#### THINK GREEN!

Celebrate Earth Day every year on 22 April in your school. Discuss and suggest ways to save the earth and its resources. Follow the three Rs—Reduce, Reuse and Recycleprotect the environment.

### BK 5, p. 54

### <sup>44</sup> Holistic learning

approach is an approach that seeks to fully activate all aspects of the learner's personality (intellect, emotions, imagination, body) for more effective and comprehensive learning. **??** - International Bureau of

Education, UNESCO

Problem-solving

- BK 1 pp. 14 (G), 20 (B), 27 (I), 48 (F), 85 (F) BK 4 pp. 14 (G), 22 (G), 56 (F),
- 74 (J), 89 (F), 99 (J), 115 (H)
- BK 5 pp. 16 (J), 27 (K), 35 (F), 65 (H), 126 (H), 132 (G)

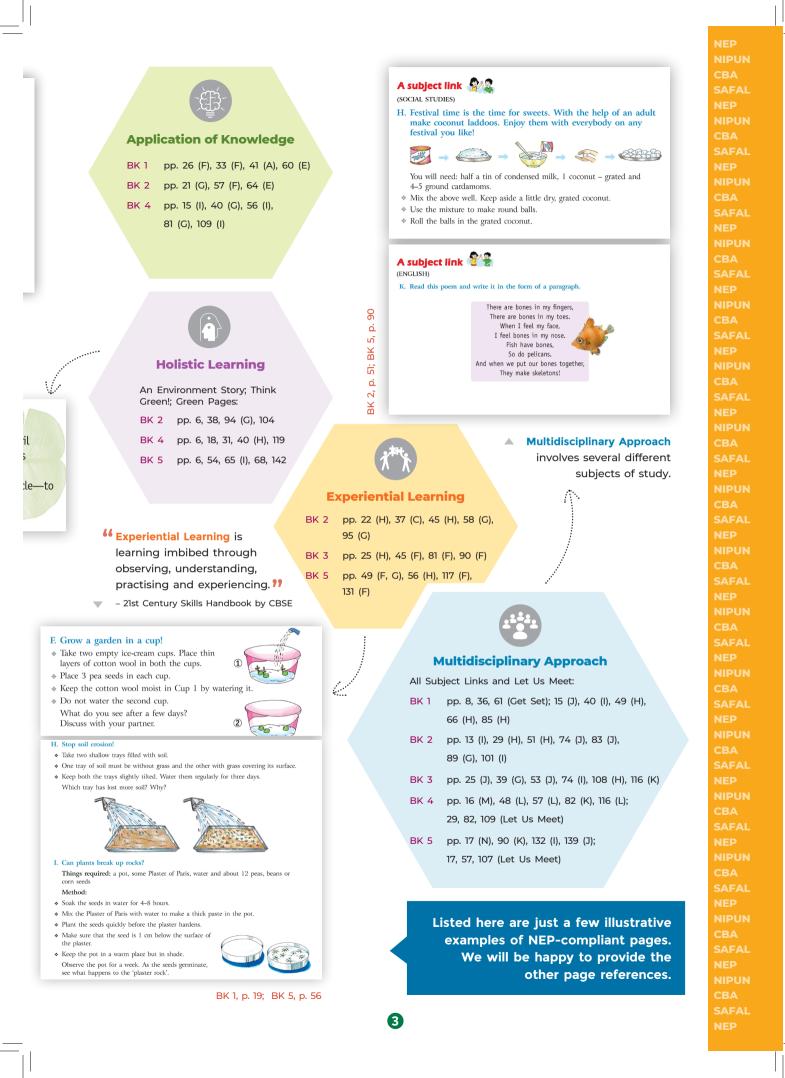
SKILLS – page 2 FOCUS AREAS – page 3

H. Let us make charts. It is fun to work together.
Divide the class into four teams.
TEAM 1 makes a chart on the digestive system.
TEAM 2 collects samples of energy-giving foods and makes a chart.
TEAM 3 collects samples of foods that help us to grow and makes a chart.
TEAM 4 collects samples of foods that help us to stay healthy and makes a chart.
Put up the charts on your class bulletin board.

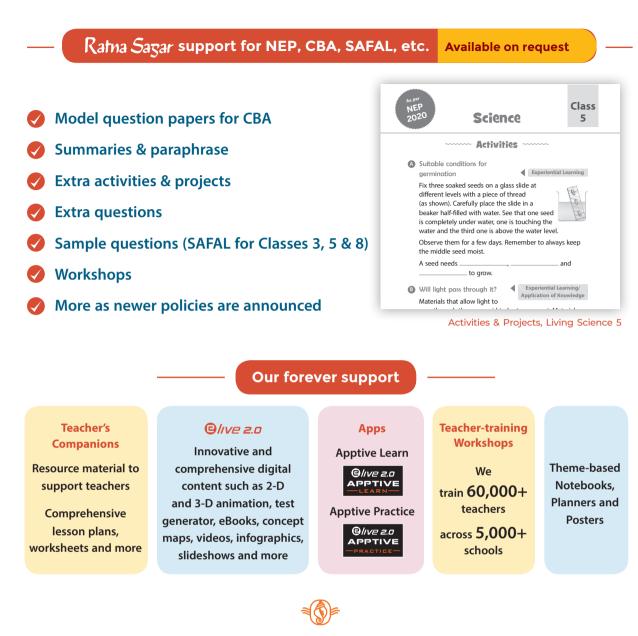
FOOD

BK 4, p. 14

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Forty years ago, **Ratna Sagar** made a commitment to education with this pledge:

66 Ratna Sagar stems from a deeply-felt desire to present only the finest in books ... (our books) will represent exemplary standards of book publication and will embody the highest levels of teaching methodology, design and presentation, and pedagogical effectiveness. ??

We are proud to have lived up to our pledge. And we promise to continue doing so.

# **Education, Our Mission!**

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