

SCHENCE



Written by:

Ritu Jain

4.

New Edition

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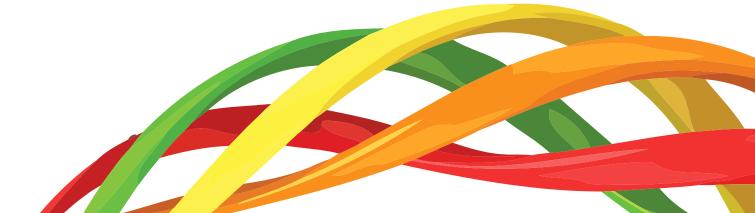
Preface

Today's children will spend their adult lives in a multitasking, multifaceted, technology driven, diverse vibrant world, and thus they must arrive equipped to do so effectively.

This new edition of 'Science' has been completely prepared in accordance with National Curriculum framework. The most important aim of this series is to develop scientific attitude in children rather than providing information.

To fulfill our aim, the books are produced in large format, in full colour with attractive illustrations to enhance visual appeal. We hope that our attempt has been successful and a small step towards imparting necessary quality education to our children. Change is a way of life and our endeavour is to continue to evolve the series into a better product. Suggestions and comments are encouraged.

—Publisher



WALKTHROUGH

ACTIVITY

Various activities given in between text to strengthen the knowledge of the concept learned by the student.



Tendrils help to suppo	weak stem of morning glory tw ort the cucumber plant.	ines around stick for suppor
 Creeping Stems : The stand. 	stems of creeping plants creep	on the ground. They cannot
STORAGE OF FOOD		
In some plants, such as gin We eat these stems.	ger, potato and onion plants,	food is stored in the stem
		W. Company
Ginger plant	Potato plant	Onion plant
Do You Know? Control plants do not have been food. FUNCTIONS OF LEA	thry here alone which are green in	cobor so their about propers the
Food making		
Food-making	nt. Green leaves have a oreen s	arbstance called chlorophyl
And the state of t	purpose, the plant draws	substance catted chlorophyl

TEST YOUR SELF

Questions based on the matter to strengthen the knowledge.

Sa	wings Hair		Solites
Non-green	Plants		Spines
make their fo have leaves.	ood. They get their Their soft green s	r food from the decay	absence of chlorophyll, they cannot ying plants. Plants like cactus do not d. Croton plant has dark red leave. f chlorophyll.
		Test your Se	elf
	Make a list of foo clow:	d items you ate ye	sterday and classi hem as given
	breakfast :		
In	n breakfast : Bread-wheat-plan	nt b. Butt	er-milk-animals
Ir a.			ermik-animals
In a. c.	Bread-wheat-pla		er-milk-animals
In a. c. In	Bread-wheat-pla Jam(mixed fruit)- fruits-plants	
Ir e. c. Ir e.	Bread-wheat-pla Jam(mixed fruit Lunch :)- fruits-plants	
Ir e. c. Ir e.	Bread-wheat-pla Jam(mixed fruit Lunch :)- fruits-plants	
Ir a. c. Ir a. Ir	Bread-wheat-pla Jam/mixed fruit Lursch :)- fruits-plants b	
Ir a. c. Ir a. Ir a.	Bread-wheat-plan Jam/mixed fruit Lunch: Dinner:	bb	

EXERCISE TIME

Objective and subjective questions included under various segments.

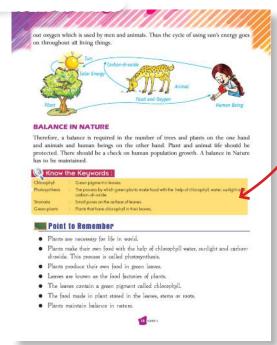
Δ.	EXERCISE TIM Multiple choice questions (MCQs).	
	Tick (✓) the correct option:	
	The leaves contain a green pigment called	_
	a. Chlorophyll	0
	Plants produce their own food in	
	a. Flowers b. Green leaves c. Roots	0
	5. The stem carries the prepared food from the leaves to different parts of the This is called	plant.
	a. Transportation b. Conduction c. Fruits	0
	4. Petals of a flower attract insects and bees for :	
	a. Pollimation	0
В.	Tick (✓) the correct and cross (X) the incorrect ones :	
	1. Roots are green.	00000
	2. Roots hair act like sponges.	0
	3. Leaves do not breathe oxygen.	0
	Sugar is stored only in fruits.	0
	5. Flowers are of no use of the plant.	0
c.	Fill in the blanks :	
	The root absorb water and minerals from the soil.	
	The carry food from leaves to other parts of the plant.	
	A plant cannot live without	
	Some stems act as of food.	
	5. Tiny openings in the leaf are called	
D.	Explain the meaning of the following :	
	1. Conduction	
	2. Transportation	
	Photosynthesis	
	4. Pollination	
	5. Fertilization	

DO YOU KNOW?

Extra information to the concept related.

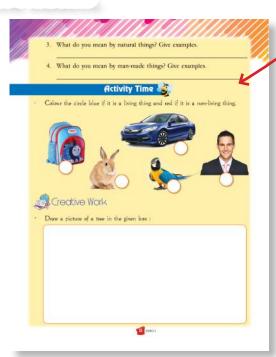
KNOW THE KEYWORDS

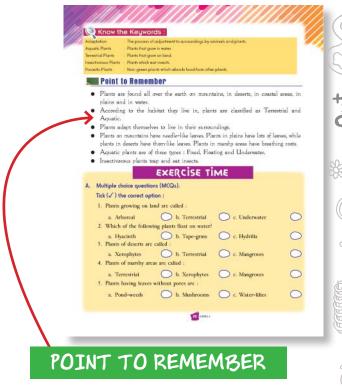
Detail meaning about some difficult words.



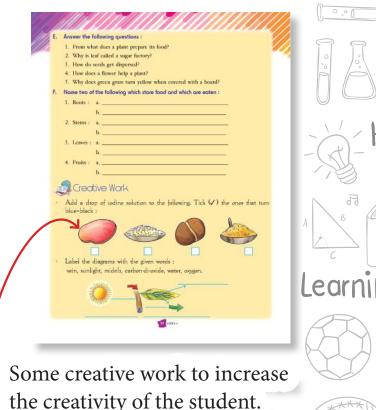
ACTIVITY TIME

Various activities to strengthen the knowledge of the concepts learnt by the student.





Consolidated concepts of the chapter.



the creativity of the student.

CREATIVE WORK

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