## Insight into

# SCIENCE

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### **Preface**

Insight into **SCIENCE** is a series of science books for classes kindergarten to V, specially designed to lead young minds to explore the world of science and to bring to an end the teacher's perennial search for the ideally graded science books that develop a scientific aptitude in young learners. The books are designed for schools teaching a specialised science course at the primary level.

Science is a subject that appeals greatly to young minds and becomes most interesting for both the learner and the teacher if taught using an interactive and innovative method. The books in the series equip the teacher with innovative techniques and explain the concepts of science in a most interesting, learner-friendly manner, using very lucid language. The books focus on students' understanding the concepts and discourage rote learning. For this, scientific principles have been correlated with children's everyday experiences.

Some key features of the Insight into **SCIENCE** series:

- \* The approach adopted is innovative and emphasises learning actively by investigating, observing and experimenting.
- \* The text is supported by rich, self-explanatory illustrations to aid learning.
- \* Naughty Nitoo comic stories arouse students' interest in the topic to be taught.
- \* What you already know, at the beginning of each chapter, activates students' background knowledge and relates it to the topic, which arouses students' interest in the topic and helps them to understand it easily.
- \* What you will know has topic-based questions that usually arise in young children's minds. It encourages students to explore the subject to find the answers to their questions, while also setting learning objectives.
- \* Fun and learn has interesting experiments and activities to consolidate learning.
- \* Know a fact provides extra information related to the topic, which motivates students to further explore the subject in particular and the world of science in general.
- \* Words to remember provides explanations of all the important words that may be new for students.
- \* Points to recall sums up the chapter perfectly, facilitating revision.
- \* *Exercises* are comprehensive and include a wide variety of questions for testing all types of students: not so intelligent, average and extraordinarily intelligent.
- \* Tell your teacher inculcates moral values in students and develops their communication skills.
- \* *Find out* asks students questions about daily life situations involving the application of the scientific principle taught in the chapter. It encourages students to explore the scientific world on their own.
- \* **Project**, provided in each chapter, gives students an interesting task in the application of the theory or principle taught and aims at making them scientifically creative.
- \* Experiment or Activity time, at the end of the chapter, aims at making students scientifically innovative with the help of an activity using easily available resources.

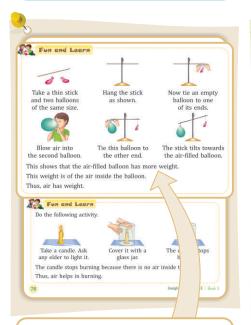
We sincerely hope that with all these valuable qualities, the books in the series will not only impart scientific knowledge but also develop a scientific aptitude in children and lead them to apply scientific principles for a better and brighter future of humanity.

## Highlights



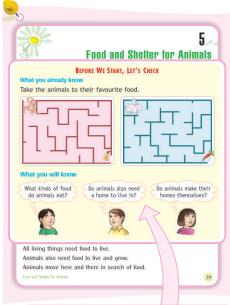
#### **Naughty Nitoo**

comic stories describe everyday activities of a typically curious and naughty child to arouse students' curiosity and make them eager to learn.



#### **Fun and Learn**

has novel activities and experiments within the text that help to consolidate learning.



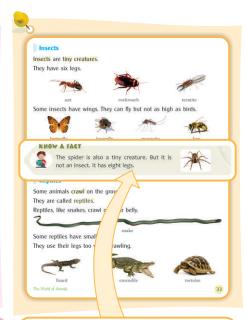
#### Before We Start, Let's Check

activates students prior knowledge related to the topic to be taught and makes every student active in class.



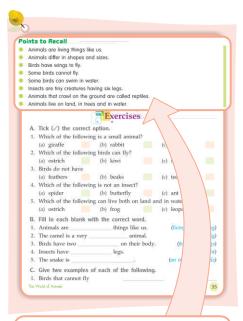
#### **Words to Remember**

provides explanations of all the important words used in the chapter and does away with students' need for a dictionary.



#### **Know a Fact**

provides extra and usually amazing information about the topic, which develops students' interest in science.



#### **Points to Recall**

sums up the chapter perfectly, facilitating revision and the consolidation of learning.



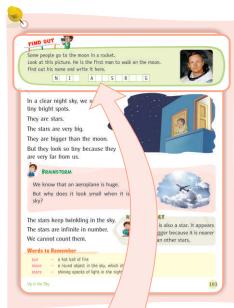
#### Brainstorm

has questions to answer which students have to use their thinking skills and think out of the box.



#### **Tell Your Teacher**

inculcates moral values in young children and develops their communication skills.



#### **Find Out**

asks students questions about some additional daily life situations, which encourages students to explore the world of science on their own.



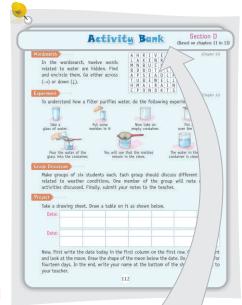
#### **Activity Time**

has an interesting experiment to help students to learn practically. It can be conducted using easily available resources.



#### **Revision Exercises**

test students'
knowledge of the topics
taught. Every aspect of
the subjects taught is
covered.



#### **Activity Bank**

has a myriad of activities aimed at developing students' scientific creativity and inventiveness.

## **Contents**

	MA
ACT TO SERVICE OF THE PROPERTY	3
A VIIII LE	
	al enth model (165) graft

	<b>Unit 1: Looking Around</b>	
1.	Living and Non-living Things	<b>8</b>
	Unit 2: Plant Life	
2.	Plants Around Us	15
3.	Plants as Food	23
	Unit 3: Animal Life	
4.	The World of Animals	30
<b>5</b> .	Food and Shelter for Animals	39
	Unit 4: Our Body and Needs	
6.	My Body	47
7.	Our Needs	54
*	Revision Exercise 1	62
8.	Keeping Healthy	64
9.	Be Safe	70
	Unit 5: Our Surroundings	
0.	Air Around Us	76
1.	We Need Water	85
2.	Weather and Seasons	92
	Unit 6: The Sky	
3.	Up in the Sky	100
*	Revision Exercise 2	108
<b>4</b> ;	Activity Bank (Section A)	109
<b>\$</b>	Activity Bank (Section B)	110
<b>%</b> ;	Activity Bank (Section C)	111
ć∳¢	Activity Bank (Section D)	112