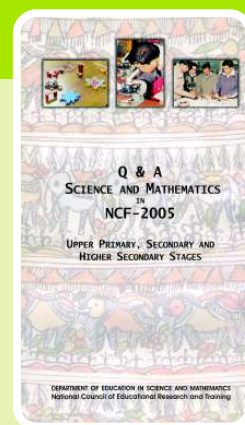


# Book Reviews

Title	<b><i>Q and A: Science and Mathematics in NCF-2005</i></b>
Author	<b>Development Team</b>
Publisher	<b>National Council of Educational Research and Training</b>
Year	<b>March 2010</b>
Price	<b>₹ 65.00</b>



The book with the title '*Q and A: Science and Mathematics in NCF-2005*' is an attempt to fulfil the answers to the different queries of teachers concerning to the *National Curriculum framework-2005*. It explains in detail the various aspect of NCF 2005 with special reference to teaching of Science and Mathematics at upper primary, secondary and higher secondary stages.

The book re-emphasises guidelines and some of the ideas of NCF-2005. It is written in the dialogue form valuing teachers' queries and narration. It comprises three chapters and two annexures. The first chapter is about the major concerns and perspectives of NCF-2005; second chapter is related to criteria of an ideal science curriculum and shift in focus from mathematics content learning to mathematical learning environment, and third discusses about the difficulties faced by teachers in the implementation of the guidelines, examination reforms and issues related with the

NCF-2005. Meaning of some key terms and phrases used in NCF-2005 are given in annexure one. This is very helpful and handy for the teachers. The key feature of the book is its format in which the complete text is printed in question-answer form. It makes it conveniently readable for the teachers who are hard pressed for time. The various questions raised by the teachers are taken positively. The answers given to them are easy to understand and convincing. The methodology used in the book to present the matter is appreciable. Teacher's real experiences of teaching-learning process discussed in annexure two are exemplary in nature. The concept of  $\pi$  is discussed in very interesting way for the everlasting learning. One of my colleagues Shri Sher Singh (TGT Mathematics) implemented this concept in his class observed that students' responses were amazing after knowing how the value of  $\pi$  is derived. The activities undertaken by

a teacher to teach the concept of Electricity and Magnetism is remarkable. In a similar way, an example quoted by a teacher to teach the different parts of plant make us feel the importance of innovation in the teaching methodology.

The book gradually takes the reader to the depth of the objectives of NCF-2005 and makes one realise the importance of activity-based teaching-learning process. It enables one to understand the new approach of education where students are at the centre of teaching-learning. It motivates and encourages the teachers to take the teaching-learning process beyond the boundaries of a

particular subject. It makes emphasis on the interdisciplinary approach of teaching. It is written in lucid way and is prolific in nature.

I feel that this book will be an asset for one's personal library as well as the school library. It conveys essence of NCF-2005 in the context of science and mathematics in a simple manner. The teachers, educators and others will find it undoubtedly useful.

**Sanjay Kumar Yadav**

*PGT*

*Kendriya Vidyalaya*

*Itarana, Alwar*