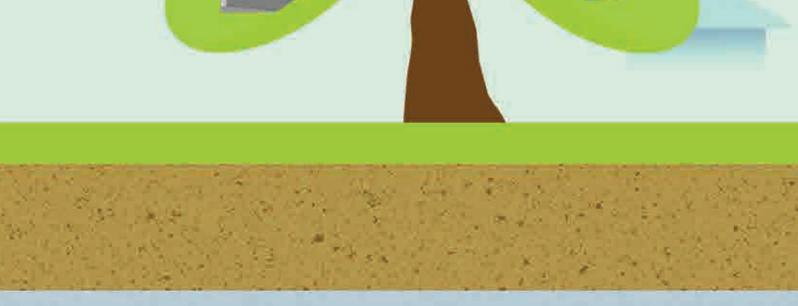


CHILD DEVELOPMENT Standard XI



The Coordination Committee formed by GR No. Abhyas - 2116/ (Pra. Kra. 43/16) SD-4 Dated 25.4.2016 has given approval to prescribe this textbook in its meeting held on 20.06.2019 and it has been decided to implement it from the educational year 2019-20.

Child Development STANDARD XI



Maharashtra State Bureau of Textbook Production and Curriculum Research, Pune 411 004



The digital textbook can be obtained through DIKSHA APP on a smartphone by using the Q.R.Code given on the title page of the textbook and useful audio-visual teaching-learning material of the relevant lesson will be available through Q.R.Code .

First Edition :

© Maharashtra State Bureau of Textbook Production and Curriculum Research, Pune -4

The Maharashtra State Bureau of Textbook Production and Curriculum Research reserves all rights relating to the book. No part of this book should be reproduced without the written permission of the Director, Maharashtra State Bureau of Textbook Production and Curriculum Research, 'Balbharati', Senapati Bapat Marg, Pune 411004.

Child Development Subject Committee Dr. Smt. Ila Devchand Jogi - Chair Person Shri. Dnyandeo Prabhakar Chabukswar - Member Dr. Girish Vitthalrao Vaidva - Member Smt .Honey J. Thakkar - Member Smt. Manda Gajanan Maindarkar - Member Smt. Maneesha Ashtaputre - Member Dr. Smt. Sarita Kasaralkar - Member Shri. Satish Ramkisanrao Surye - Member Smt.Seethalakshmi.S - Member Smt. Shilpa Gangatirkar - Member Smt. Sudha Patni - Member Smt. Surekha Rajendra Jogi - Member Shri.Sushil Dwarkinath Mhaske - Member Dr. Smt. Thulasi Bharat Bhushan (Member Secretary)

Cover Smt. MonicaYogesh Patankar Illustrations Shri. Deepak Sankpal Shri. Chandrashekhar Joshi Diag ams Shri. Sandeep Koli



Coordinator Dr. Thulasi Bharat Bhushan

Expert Advisor

Dr. Smt. Vinita Dhananjay Apte

Production

Shri. Sachchitanand Aphale Chief Production Officer
Shri. Prabhakar Parab Production Offier
Shri. Shashank Kanikdale Asst. Production Officer

Paper : 70 GSM Creamwove Print Order : N/PB/2019-20/5,000 Printer : S Graphix (I) Pvt. Ltd., Thane

Publisher

Shri. Vivek Uttam Gosavi Controller

Maharashtra State Textbook Bureau, Prabhadevi, Mumbai - 400 025



Preamble

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC and to secure to all its citizens:

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

EQUALITY of status and of opportunity; and to promote among them all

FRATERNITY assuring the dignity of the individual and the unity and integrity of the Nation;

IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949, do HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.

NATIONAL ANTHEM

Jana-gana-mana-adhināyaka jaya hē Bhārata-bhāgya-vidhātā,

Panjāba-Sindhu-Gujarāta-Marāthā Drāvida-Utkala-Banga

Vindhya-Himāchala-Yamunā-Gangā uchchala-jaladhi-taranga

Tava subha nāmē jāgē, tava subha āsisa māgē, gāhē tava jaya-gāthā,

Jana-gana-mangala-dāyaka jaya hē Bhārata-bhāgya-vidhātā,

Jaya hē, Jaya hē, Jaya hē, Jaya jaya jaya, jaya hē.

PLEDGE

India is my country. All Indians are my brothers and sisters.

I love my country, and I am proud of its rich and varied heritage. I shall always strive to be worthy of it.

I shall give my parents, teachers and all elders respect, and treat everyone with courtesy.

To my country and my people, I pledge my devotion. In their well-being and prosperity alone lies my happiness. Dear students,

Welcome to standard XI. We have great pleasure in offering you this textbook on Child Development based on the new syllabus. This subject may seem unfamiliar to you. It is a scientific body of knowledge, which is interdisciplinary and has relevance to subjects like Biology, Psychology, Anthropology, Cultural studies, Sociology, and Neuroscience. One of the reasons that the subject has grown in importance is due to the need to improve the lives of children today.

In this subject this year, you will get an understanding of the scope, objectives, domains, the principles that underlie development and the factors that affect the growth and development of every individual. You will realize that the emotional, social and physical development of young children has a direct effect on their overall development and on the adult, they will become. That is why understanding the need to invest in very young children is so important as to maximize their future well-being.

While studying the concepts and principles, we have given some reflective activities to ensure that you associate it to daily life. So do go through these activities very carefully. The boxes in each chapter will give you an idea of some facts related to the topic and some interesting features to enhance your knowledge.

Child Development is a vast subject and we have given only a glimpse into this evidence based study. Make use of information available by using the QR code alongside the text. This will provide you with the related audio-visual materials and some further links to deepen your understanding of the topic. It will also help you in revising the topic when you need to solve the additional exercises and qe stions.

Please do give us your feedback about what you liked in this textbook and how you would like us to add further initiatives to enrich your knowledge.

Wishing you all, the best for the study of the new textbook.



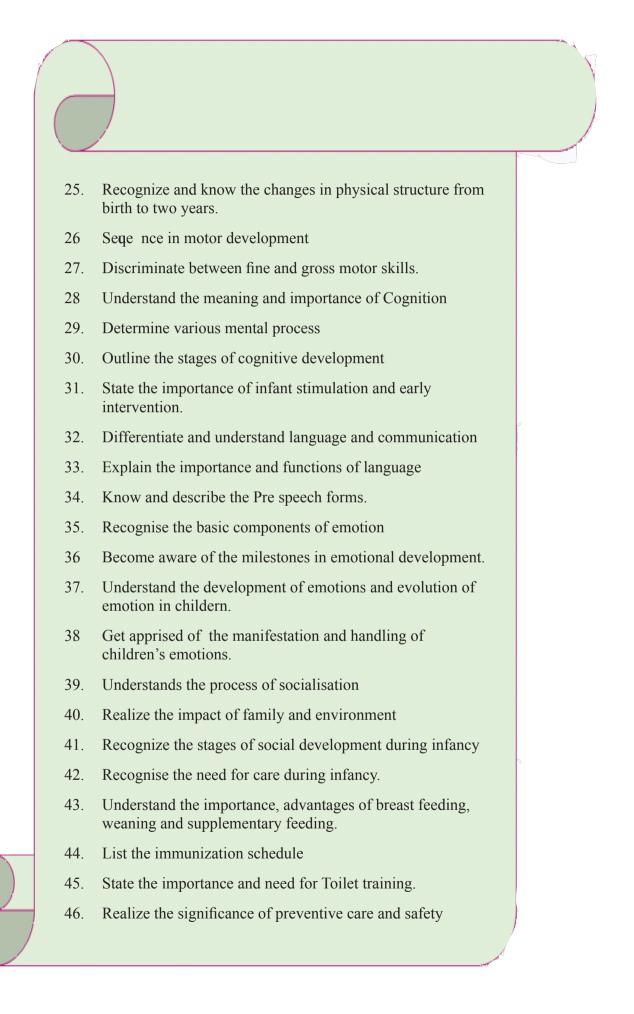
(Dr. Sunil Magr) Director Maharashtra State Bureau of Textbook Production And Curriculum Research Pune

Date : 20 June, 2019 Indian solar year : 30 Jyeshtha 1941

Std XI Child Development -Competency Statements

Student will be able to

- 1. Define Child Development
- 2. Understand the objectives of Child Development
- 3. Comprehend the concept of growth and development
- 4. Know the career options of Child Development
- 5. List and explain the domains of development
- 6. Enumerate the stages of development
- 7. Describe the characteristics of each stage of development.
- 8. Distinguish between growth and development
- 9. Elaborate the Principles of development.
- 10. Know the factors influencing development
- 11. Describe the Importance of Maturation and Learning.
- 12. Understand the reprodctive system of male and female.
- 13. Become aware of the menstrual cycle.
- 14. Know the care and hygiene during menstruation
- 15. Define conception
- 16 Develop an awareness about signs and care during pregnancy
- 17. Clearly explain the stages of prenatal development
- 18 Explain the types of birth
- 19. Detail the factors affecting prenatal development
- 20. Describe the neonatal stage and the physical appearance of a newborn
- 21. Discuss the various adjustment of the neonate
- 22. Use key terms related to neonatal reflexes
- 23. Know about causes and effects of prematurity
- 24. Understand the aspects of physical and motor development.



For Teachers ...

There is growing evidence about the nature and importance of Child Development that enables those who work with young children to know what they need most in order to thrive.

The objective of studying this subject is to ensure that we create a desire in students to seek more and learn more about the subject.

It is crucial to motivate learners by developing their ability to dig deeper into the subject, to think about events happening around them or with them.

In the process of learning and teaching, encouraging the students to introspect, observe, compare, discuss and share their thoughts needs to be give prime importance.

Eliciting what they know from the qe ries to assess their previous knowledge before initiating the topic to be learnt is an important consideration. You could add on and use your creativity and activities to introduce or expand the same.

Amazing, interesting facts have been incorporated to kindle and sustain student interest.

A warm, friendly informal and non judgmental attitude will ensure that students participate willingly and actively.

Consistent encouragment to ask qe stions will help students to find clarity and precision in what they learn.

Activities to recapitulate and consolidate their learning have been purposefully interspersed.

Further information, related reading and audio visual links are in the QR code.

INDEX

Chapter No	o. Title	Pag No.
1.	Introduction to Child Development	1
2.	Principles of Development	13
3.	Reproductive System	29
4.	Prenatal Development and Care during pregnancy	41
5.	Neonatal Development (Birth to 15 days)	6
6	Infancy : Physical and Motor Development	77
7.	Infancy : Cognitive and Language Development	91
8	Infancy : Emotional Development	109
9.	Infancy : Social Development	122
10.	Care During Infancy	130
*	Related Activities and Projects	146
*	Glossary	150
*	Bibliography	158
*	Webliography	16