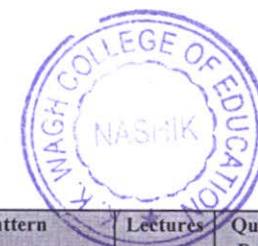


K.K.Wagh Education Society's
K.K.Wagh College of Education, DGP Nagar, Nashik
Micro Planning 2022-2023 (F.Y.B.Ed)



Course - 107- 08: PEDAGOGY OF THE SCHOOL SUBJECT- GENERAL SCIENCE

Unit No	Unit Name	Sub Topic	Teaching Methodology	Resarch Paper Discussed	Activities Planned A/V Input	Case Study/Programme Planned	Reference Book/ Website	Other	Assesment Pattern	Lectures	Quality Policy
1	Nature of general science	1.1 Nature, scope & place of general science at secondary & higher secondary level	Discussion cum Lecture method	https://egyankosh.ac.in/bitstream/123456789/46664/1/Unit-2.pdf	PPT Presentation		Dr. Borse - Science Education.		Write importance of Science in daily life.	2	Need Based
		1.2 Objectives of teaching general science at secondary & higher secondary level.	Interaction	https://www.researchgate.net/publication/312498597_TEACHING_OF_SCIENCE_AT_SECONDARY_LEVEL	PPT Presentation		Kadam, Boandarde-Shastra Aashaya yukta Aadhapan paddhati		Write the objectives of teaching general Science at secondary and higher secondary level	3	Need Based
		1.3 Curriculum & syllabus of general science at secondary & higher secondary level.	Flipped Classroom	https://www.bing.com/search?q=Curriculum+%26+syllabus+of+general+science+at+secondary	PPT Presentation		Dr. Borse - Science Education.		What is the meaning of correlation? Write four advantages of correlating science with other school subjects while teaching science subject. Explain with suitable examples how will you establish correlation of science subject with mathematics and Geography.	4	Need Based
		1.4 Text book and content analysis of general science.	Discussion cum Lecture method	https://www.researchgate.net/publication/328772366_Critical_Analysis_of_General_Science_Textbooks	PPT Presentation		Kadam, Boandarde-Shastra Aashaya yukta Aadhapan paddhati		What is content analysis? What is the need of content analysis? Which factors of content analysis will you consider, while teaching science subject,	3	Need Based
2	Pedagogical approaches & resources of general science, general science	2.1 a) Methods of teaching: lecture – demonstration, Experimental, & project	Interaction	https://www.researchgate.net/publication/351459821_Comparative_Effectiveness_of_Project_and_Demonstration_Teaching	PPT Presentation		Dr. Prabhakar Hakim-Vidnayana che Aashaya yukta Aadhapan		Explain 'Project method' of teaching science with the help of following points. a) Nature b) Steps c) Merits d) Limitations e) Role of teacher	3	Need Based
		b) Model: 5 E Learning Mode	Interaction	https://files.eric.ed.gov/fulltext/EJ1058007.pdf#	PPT Presentation		Dr. Prabhakar Hakim-Vidnayana che Aashaya yukta Aadhapan		Explain syntax (steps) of '5E' model with the help of one example of science subject at secondary level	3	Need Based
		2.2 Planning, organizing and maintaining general science laboratory.	Blended Learning	https://www.researchgate.net/publication/356349767_The_management_of_science_laboratory_at_senior_high_school			Sharma and Sharma Nair - Teaching of Science		Write the planning, organizing and maintaining general science laboratory.	6	Need Based
		2.3 Learning resources in general science.	Discussion cum Lecture method	https://www.researchgate.net/publication/272575241_Effective_Use_of_Teaching_and_Learning_Resources			Dr. Borse - Science Education.		Explain types of Learning Resources	4	Need Based
		2.4 Competencies of general science teacher.	Brain Storming	https://www.researchgate.net/publication/315506008_Science_Teachers'_Teaching_Competerencies_and_Their_Training_Experience_in_Classroom_Pedagogical_Approaches	PPT Presentation		Dr. Borse - Science Education.		According to you what are the competencies of science teacher?	4	Need Based