



अनुराग त्रिपाठी, मा.रे.का.से.
सचिव

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No. : CBSE/SECY/SPS/2019/

October 01, 2019
Circular No.17/2019

The Heads of all Schools affiliated to CBSE

Subject: Release of CBSE Handbooks and Manuals on Various Qualitative Measures

Dear Principals,

Central Board of Secondary Education has taken another initiative for reaching out to all stakeholders. In its pursuit of qualitative improvement of education in all CBSE affiliated schools, CBSE has prepared 10 Handbooks / Manuals on various innovative and qualitative measures taken by the Board during the 2018-19 and 2019-20 academic sessions. In addition to this, for the first time, CBSE has also prepared a calendar of major activities to be done in the academic session 2019-20. These Handbooks / Manuals as well as the CBSE Activity Calendar were released by the Hon'ble Minister of Human Resource Development, Government of India, on 12th September, 2019.

1. Handbook on Experiential Learning: CBSE has mandated Experiential Learning as the pedagogy for schools and also as the annual theme for training. With the increased significance and thrust in education for acquiring 21st Century Skills, Experiential Learning has gained momentum. This Handbook gives details about the features, mechanisms, processes, checklists and lesson plans based on Experiential Learning. This Handbook is created in a very innovative manner and it uses real life discussion to get across the concepts.

2. Guidelines on Art Integration: Another important initiative is Integration of Arts in Education. The Art Integration document contains details on the importance of Arts, Arts as pedagogical tool for experiential and joyful learning, guidelines for Art-Integrated Learning for teachers and principals and a suggestive list of activities and projects for reference. It also directs schools to have two periods of Art Education per week.

3. Manual on Integrating Artificial Intelligence across Subjects: CBSE has taken up Artificial Intelligence as a multi-disciplinary integrated pedagogical approach to further enhance teaching and learning across classes 6th to 12th. The **Manual on Integrating Artificial Intelligence across Subjects** is an attempt to propose how schools may train the trainers to match relevant topics/themes from the curricula with AI concepts. It contains details on the importance of Artificial

Intelligence and Artificial Intelligence Tools as pedagogical support for experiential learning. Guidelines for Teachers can be found in the form of Lesson Plans integrating AI in Classroom Teaching.

4. Artificial Intelligence Facilitator Manual: CBSE has prepared **Artificial Intelligence Facilitator Manual** and the AI training video to manage the subsequent trainings of trainers on the Artificial Intelligence Curriculum.

5. Manual for Teachers on Joyful Teaching and Learning of Mathematics: The Board has prepared **Manual for Teachers on Joyful Teaching and Learning of Mathematics**. It provides inputs for teachers to make the teaching and learning of Mathematics joyful by engaging students in meaningful activities.

6. Handbook on Hubs of Learning: CBSE has formed Hubs of Learning which is a cluster of 5-6 schools which will share best practices and resources as an enabling instrument. Although the Board is training all the Lead Collaborators of all the Hubs, the **Handbook on Hubs of Learning** will give the 'extra' which adds value to any initiative or programme.

7. School Quality Assessment and Assurance (SQAA): In view of the great need to improve standards of school education, focus has to be shifted on the performance and improvement of schools. The Manual on School **Quality Assessment and Assurance (SQAA)** provides self-learning material for schools for introspection and improvement.

8. The Compendium of Courses after +2: This **Compendium** is an earnest effort of the Board to facilitate students while scouting for right course choices. It has listed 114 courses ranging from courses like Biotechnology, Pharmacy and Bachelor of Arts to the new and upcoming fields like Cyber Security and Artificial Intelligence and Machine Learning. It gives the details of what the course is about, eligibility and institutions offering the course.

9. Manual on Outcome Based Inspection for Affiliation: In its continuous journey of reform and evolvement, the Central Board of Secondary Education, in a landmark move to ensure that the quality of education meets defined standards, revamped the Affiliation Bye-Laws vide D. O. No. CBSE/AFF-B.L./SECY/2018 dated 18.10.2018. The Affiliation Bye-laws now lay a thrust on academic excellence and depict a paradigm shift focusing on achievement of learning outcomes. The outcome based monitoring at various levels is not only academic but includes other related aspects of school life like physical, health, social and emotional growth of learners. The **Manual on Outcome Based Inspection for Affiliation** contains the detailed guidelines for the members of inspection committee. It not only elaborates the outcome based framework, but also aids the Inspection Committee members with the procedure for inspection and ways of gathering evidence.

10. Handbook on Eco-Clubs and Water Conservation: The Board, through this Handbook, proposes schools to strengthen Eco-Clubs and create measures for water conservation. While Eco-Clubs would continue to promote environment and climate literacy and motivate learners to become champions for environmental sustainability, the thrust of this year's activities will be on water conservation.

In addition to the above, नई पहल: एक प्रवेशिका has been prepared. This is a primer in Hindi containing the gist and details of major Handbooks and Manuals.

All Principals are requested to download all these Handbooks and arrange for a discussion on each with Teachers and also Students wherever relevant. All schools may ensure that all these Handbooks are adopted for implementation.

You may also follow the timelines given in the Activity Calendar 2019-20 , already uploaded on CBSE websites. For any query in this regard, you may write to cbseapp1920@gmail.com.

Anurag Tripathi
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Secretary

Copy to the respective Heads of Directorates, Organizations and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

1. The Commissioner, Kendriya Vidyalaya Sangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, New Delhi-16
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida-201309
3. The Director, SCERT –Andaman and Nicobar Islands, Arunachal Pradesh, Chandigarh, Chhattisgarh, Delhi, Odisha, Rajasthan, Sikkim.
4. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110 054
5. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017
6. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim –737101
7. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar –791 111
8. The Director of Education, Govt. of A&N Islands, Port Blair – 744101
9. The Director of Education, S.I.E., CBSE Cell, VIP Road, Junglee Ghat, P.O. 744103, A&N Island
10. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini
11. The Additional Director General of Army Education, A – Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
12. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRB Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
13. The Under Secretary (EE-1), MHRD, Govt. of India, Department of SE&L, Shastri Bhawan, New Delhi-01
14. All Regional Directors/Regional Officers of CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions
15. All Joint Secretary/ Deputy Secretary/ Assistant Secretary / Analyst, CBSE
16. All Head(s)/ In-Charge(s), Centre of Excellence, CBSE
17. In charge IT Unit with the request to put this circular on the CBSE Academic website
18. In-Charge, Library
19. The Senior Public Relations Officer, CBSE
20. PPS to Chairperson, CBSE
21. SPS to Secretary, CBSE

- 22.SPS to Director (Academics), CBSE
- 23.SPS to Controller of Examinations, CBSE
- 24.SPS to Director (Information Technology), CBSE
- 25.SPS to Director (CTET), CBSE
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- 27.SPS to Director (EDUSAT), CBSE
- 28.SPS to Director (Skill Education & Training), CBSE
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