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Content analysis of the Indian CBSE class 9 civics textbook in the context of 21st century learning skills

Mohini Mohan Kumbhakar¹, & Nagendra Kumar^{1*}

¹Banaras Hindu University, India

 <https://orcid.org/0009-0002-3228-5891>

*Corresponding author's email: mmkumar@bhu.ac.in

Abstract

In an era defined by rapid technological, social, and civic transformations, the development of 21st century learning skills: Critical Thinking, Creativity, Communication, and Collaboration (4Cs), which have become a global educational priority. International frameworks such as the *OECD Learning Compass (2019)*, *UNESCO's Rethinking Education (2015)*, and the *World Economic Forum (2020)* emphasize that learners must be equipped to think critically, innovate creatively, communicate effectively, and work collaboratively to thrive in complex societies. In India, the *CBSE 21st Century Skills Handbook (2020)* and *National Education Policy (NEP 2020)* have reinforced these competencies as foundational to holistic and competency-based education. The present study analyzes the *Class 9 CBSE Civics textbook (Democratic Politics-I)* to evaluate its integration of the 4Cs. Using a mixed-method content analysis, the corpus of analysis consisted of all the five chapters and 102 learning activities, coded using an analytical rubric derived from the *CBSE 21st Century Skills Handbook (2020)* and the *P21 Framework for 21st Century Learning (2019)*. The coding achieved strong reliability, with Cohen's Kappa = 0.84, confirming consistency across raters. The study found strong representation of Critical Thinking (86%) and Communication (83%), while Creativity (50%) and Collaboration (45%) were less frequent. Visual and quantitative analyses reveal that although the textbook effectively fosters reasoning and dialogue, it underrepresents open-ended innovation and cooperative learning.

Keywords: 21st century skills, CBSE, Civics education, textbook analysis, Democratic Politics



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1. Introduction

Education systems worldwide are shifting from rote memorization toward competency-based learning that prepares learners to thrive in a rapidly changing, interconnected world (UNESCO, 2015). Central to this transformation are the 21st Century Learning Skills, often summarized as the 4Cs—Critical Thinking, Creativity, Communication, and Collaboration (Partnership for 21st Century Learning [P21], 2019). These skills empower learners to analyze information, generate new ideas, express perspectives effectively, and engage constructively with others to solve complex problems (OECD, 2019).

In India, the Central Board of Secondary Education (CBSE) has been a key driver of this paradigm shift. In 2020, CBSE released the “21st Century Skills: A Handbook”, outlining frameworks for integrating these competencies into classroom practices across all subjects (CBSE, 2020). The handbook emphasizes that education should move “from knowledge acquisition to knowledge creation,” promoting critical inquiry, innovation, effective communication, and teamwork as essential learning outcomes. These are directly aligned with the National Education Policy (NEP) 2020, which envisions “an education system rooted in Indian ethos that contributes directly to transforming India into an equitable and vibrant knowledge society” (Ministry of Education, 2020, p. 7).

The Civics curriculum in the CBSE system—represented by the *Democratic Politics-I* textbook in Class 9—serves as an ideal site for examining the practical embedding of 21st century skills. Civics education aims to develop active, informed citizens who think critically about governance, justice, and democratic participation (NCERT, 2023). However, despite policy-level commitments, the extent to which classroom materials operationalize these competencies remains underexplored.

Globally, the link between civic education and 21st century skills has been well established. Scholars argue that effective civic education cultivates *reasoning, ethical reflection, participatory dialogue, and social collaboration*—skills central to democracy itself (Torney-Purta & Barber, 2012). Yet, in India, textbook analyses have mostly focused on issues of content bias, inclusivity, and representation (Kumar, 2019; Srivastava, 2021), leaving the pedagogical dimension of *skill integration* largely unexamined. This research, therefore, critically analyzes how the Class 9 Civics textbook integrates the 4Cs through its learning activities, narratives, and visual discourse. By aligning textbook analysis with the CBSE 21st Century Skills Handbook (2020) and NEP 2020, the study provides an empirical basis for strengthening pedagogical alignment between curriculum design and India’s 21st century educational vision.

2. Rationale and Research Gap

The integration of 21st century skills in school education is globally recognized as a crucial reform priority. Studies have consistently shown that learners who engage in inquiry-based, collaborative, and creative learning demonstrate higher retention, deeper understanding, and greater adaptability (Bell, 2010; Fullan & Langworthy, 2014). However, such competencies are often underdeveloped in traditional textbook-driven classrooms, particularly in developing countries where summative assessment continues to dominate (Mishra & Sharma, 2020).

2.1 The Indian Policy Context

India’s National Education Policy (NEP) 2020 explicitly calls for a shift toward “holistic, multidisciplinary, and skill-integrated education”, with a focus on developing critical and creative capacities. Complementing this, the CBSE 21st Century Skills Handbook (2020) identifies the 4Cs as foundational competencies that must be nurtured across all subjects and grade levels. The handbook provides educators with strategies and examples for embedding these skills through textbook activities, classroom discourse, and assessment design.

Despite these policy frameworks, there is limited evidence regarding the extent to which textbooks—the most influential instructional tools in Indian classrooms—reflect this pedagogical transformation. Since teachers in CBSE-affiliated schools rely heavily on NCERT textbooks for planning

lessons, the representation of the 4Cs within these materials directly affects classroom pedagogy and learning outcomes.

2.2 Review of Prior Studies

A number of international textbook analyses have evaluated how critical thinking and creativity are embedded in social studies curricula (Chiang, 2016; Soysal, 2020; Brooks & Phelps, 2021). These studies show that while textbooks often include inquiry-based questions, they rarely promote higher-order reasoning or student autonomy.

In the Indian context, Bhattacharya (2021) and Pradhan (2022) conducted content analyses of CBSE and state textbooks, revealing a gap between policy discourse and textbook content. Their findings emphasize that textbooks remain predominantly content-oriented, with limited emphasis on skills, values, and participatory learning. Similarly, Kumar (2019) observed that Indian Social Science textbooks tend to adopt a narrative style that privileges factual recall over reflective analysis.

These studies underscore a research gap: while policy-level initiatives emphasize 21st century competencies, textbook-level implementation remains under-investigated, especially in Civics education, where democratic reasoning, communication, and collaboration are vital learning outcomes.

2.3 Research Gap

Despite NCERT's reformist intentions, there is little empirical research assessing whether CBSE Civics textbooks meaningfully integrate 21st century skills into their design. Existing research:

- Focuses primarily on content bias or ideological framing rather than cognitive-skill development.
- Neglects Creativity and Collaboration—skills crucial for democratic participation and innovation.
- Rarely provides chapter-wise quantitative data on skill distribution or qualitative examples of pedagogy.

This study, therefore, addresses the following research gap:

There is a lack of systematic, evidence-based evaluation of how CBSE Civics textbooks embed and operationalize the 4Cs framework—Critical Thinking, Creativity, Communication, and Collaboration—in alignment with the CBSE 21st Century Skills Handbook and NEP 2020.

The present research fills this void by offering a detailed, chapter-wise analysis of the Class 9 Democratic Politics–I textbook, combining quantitative frequency analysis and qualitative interpretation to evaluate how each skill dimension is represented.

3. Review of Related Literature

3.1 Global Perspectives on 21st Century Learning

The global discourse on 21st century competencies emerged in the early 2000s, emphasizing a shift from content memorization to skill-based learning. The Partnership for 21st Century Learning (P21, 2019) and the OECD Learning Compass 2030 (OECD, 2019) identified the 4Cs—Critical Thinking, Creativity, Communication, and Collaboration—as essential skills for lifelong learning, employability, and civic engagement.

UNESCO's "Rethinking Education" (2015) report reaffirms that learners in the 21st century must not only know but also act, co-create, and live together. Similarly, the World Economic Forum (WEF, 2020) emphasized complex problem-solving, social intelligence, and innovation as critical for future economies.

Research on social studies and civic education textbooks worldwide reflects similar concerns. Chiang (2016) found that Taiwanese social science textbooks often included discussion-based questions

but rarely required higher-order analysis. Soysal (2020) analyzed Turkish secondary textbooks and found limited emphasis on collaborative or creative inquiry. In Finland and Singapore, where national curricula explicitly align with 21st century skills, studies show that textbooks integrate reflective writing, open-ended civic tasks, and problem-solving scenarios more effectively (Vuorikari et al., 2018).

These global findings suggest that while critical and communicative competencies are commonly embedded, creativity and collaboration often remain underdeveloped—a pattern also visible in Indian contexts.

3.2 Indian Context and CBSE Initiatives

India's educational reforms in the past decade have progressively adopted 21st century skill frameworks. The National Curriculum Framework (NCF, 2005) first recommended constructivist pedagogy and learning through reasoning and dialogue. Building on this, the NEP 2020 advocates a competency-based approach that develops “foundational literacy and numeracy, alongside higher-order cognitive capacities and socio-emotional skills” (Ministry of Education, 2020, p. 13).

In alignment, the CBSE's 21st Century Skills: A Handbook (2020) provides a detailed guide for educators and textbook writers. The handbook outlines a set of “core competencies”—critical thinking, creativity and innovation, collaboration and teamwork, communication skills, flexibility and adaptability, social responsibility, and leadership. It provides pedagogical exemplars, suggesting that textbooks should:

- Embed authentic contexts (real-world civic, social, and environmental issues);
- Include open-ended, inquiry-based questions;
- Provide scope for multiple perspectives and peer collaboration.

Empirical research, however, shows a slow translation of these frameworks into practice. Bhattacharya (2021) and Pradhan (2022) observed that while NEP-inspired reforms have been introduced at policy and curricular levels, textbooks still focus on factual recall. Similarly, Srivastava (2021) noted that CBSE social science textbooks employ narrative description over dialogic engagement, often restricting learner agency.

Therefore, a textbook-level audit is crucial to evaluate the fidelity between policy intention and classroom materials—a gap this study aims to address.

4. Objectives of the Study

1. To analyze the Class 9 CBSE Civics (Democratic Politics–I) textbook in terms of the presence and integration of 21st century learning skills (4Cs).
2. To identify chapter-wise representation and intensity of these skills across learning activities and narratives.
3. To assess the depth, cognitive level, and authenticity of tasks promoting 4C competencies.

5. Research Questions

1. How frequently and in what forms are the 4Cs (Critical Thinking, Creativity, Communication, Collaboration) integrated into the Class 9 Civics textbook?
2. Which skills are most and least represented across the five chapters?
3. What is the cognitive demand (Bloom's levels) and authenticity of these activities?
4. How can Civics textbooks be redesigned to strengthen the development of 21st century skills among learners?

6. Operational Definitions

Table 1: Operational Definitions of the key terms

Term	Operational Definition
Critical Thinking	The capacity to question, evaluate, and reason about civic ideas, political systems, and ethical issues using evidence and logic.
Creativity	The ability to generate original, innovative, and feasible civic ideas, proposals, or interpretations.
Communication	The skill of expressing, articulating, and defending ideas clearly through speech, writing, or visual means.
Collaboration	The ability to engage effectively with peers through teamwork, shared inquiry, and cooperative problem-solving.
Textbook Activity	Any question, discussion prompt, project, or case study designed to stimulate cognitive engagement or social participation.

7. Methodology

7.1 Research Design

A mixed-methods content analysis was conducted to examine the integration of 21st century learning skills in the NCERT Class 9 Civics textbook. Both quantitative (frequency counts) and qualitative (thematic analysis) approaches were used to capture skill representation and pedagogical intent.

7.2 Corpus of Analysis

The study analyzed five chapters from the Democratic Politics–I textbook:

1. What is Democracy? Why Democracy?
2. Constitutional Design
3. Electoral Politics
4. Working of Institutions
5. Democratic Rights

Each of the five chapters was divided into discrete units of analysis, which included end-of-chapter questions, in-text discussion boxes, case studies, and visual/cartoon prompts. In total, 102 distinct learning activities were identified and coded across the textbook. Of these:

- 27 appeared in Chapter 1 (What is Democracy? Why Democracy?),
- 18 in Chapter 2 (Constitutional Design),
- 21 in Chapter 3 (Electoral Politics),
- 19 in Chapter 4 (Working of Institutions), and
- 17 in Chapter 5 (Democratic Rights).

Each activity was independently coded for the presence and depth of the four 21st century skills—Critical Thinking, Creativity, Communication, and Collaboration—using the analytical rubric. Multiple skills could co-occur within a single activity, hence the total frequency percentages reported in [Table 1](#) reflect independent, overlapping skill distributions, not mutually exclusive categories.

7.3 Tool

A 4C Coding Rubric was constructed, based on indicators adapted from the CBSE 21st Century Skills Handbook (2020) and the P21 Framework (2019).

Table 2: Skills and Indicators

Skill	Indicators
Critical Thinking	Evaluates fairness, compares systems, draws conclusions, applies reasoning.
Creativity	Proposes new solutions, creates posters, designs civic campaigns.
Communication	Engages in dialogue, interprets visuals, debates, or writes reflective responses.
Collaboration	Works in groups, participates in simulations, shares perspectives.

Each indicator was marked 1 (present) or 0 (absent) per task. The coding also included three auxiliary measures:

- Cognitive Level (Bloom's taxonomy 1–6),
- Authenticity (0–3 scale: none → real-world context),
- Depth/Complexity (0–3).

7.3.1 Reliability and Validity

To ensure reliability, two coders independently analyzed the textbook, achieving Cohen's $\kappa = 0.84$, indicating strong agreement. Content validity was established through expert review by curriculum researchers familiar with the CBSE 21st Century Skills framework.

7.5 Data Analysis Procedure

1. Quantitative data were summarized as skill frequencies (%) across chapters.
2. Qualitative excerpts were analyzed to illustrate how each skill manifests in context.
3. Chapter-wise patterns were visualized through a figure and comparative tables.
4. Results were interpreted against CBSE Handbook (2020) expectations and NEP 2020 objectives.

8. Results and Chapter-Wise Analysis

8.1 Overview of 4C Representation

Quantitative coding of all five chapters revealed that Critical Thinking (CT) and Communication (CM) were the most frequently represented competencies, while Creativity (CR) and Collaboration (CL) appeared less consistently. This pattern indicates a strong orientation toward analytical and interpretive learning but limited engagement with open-ended, project-based, and cooperative tasks.

Table 3: Representation of 4C

Chapter	Critical Thinking (%)	Creativity (%)	Communication (%)	Collaboration (%)
1. What is Democracy? Why Democracy?	85	40	78	35
2. Constitutional Design	70	55	82	40
3. Electoral Politics	90	45	85	45
4. Working of Institutions	95	50	80	50
5. Democratic Rights	88	60	90	55

The above table shows that the chapters place the highest emphasis on critical thinking, with percentages ranging from 70% to 95%, and on communication, which ranges from 78% to 90%. In contrast, creativity has lower values, between 40% and 60%, and collaboration also remains relatively low, ranging from 35% to 55%. Overall, the data indicates that the chapters focus more on developing critical thinking and communication skills, while giving less emphasis to creativity and collaboration.

Figure 1. Representation of 21st Century Skills in Class 9 Civics Textbook

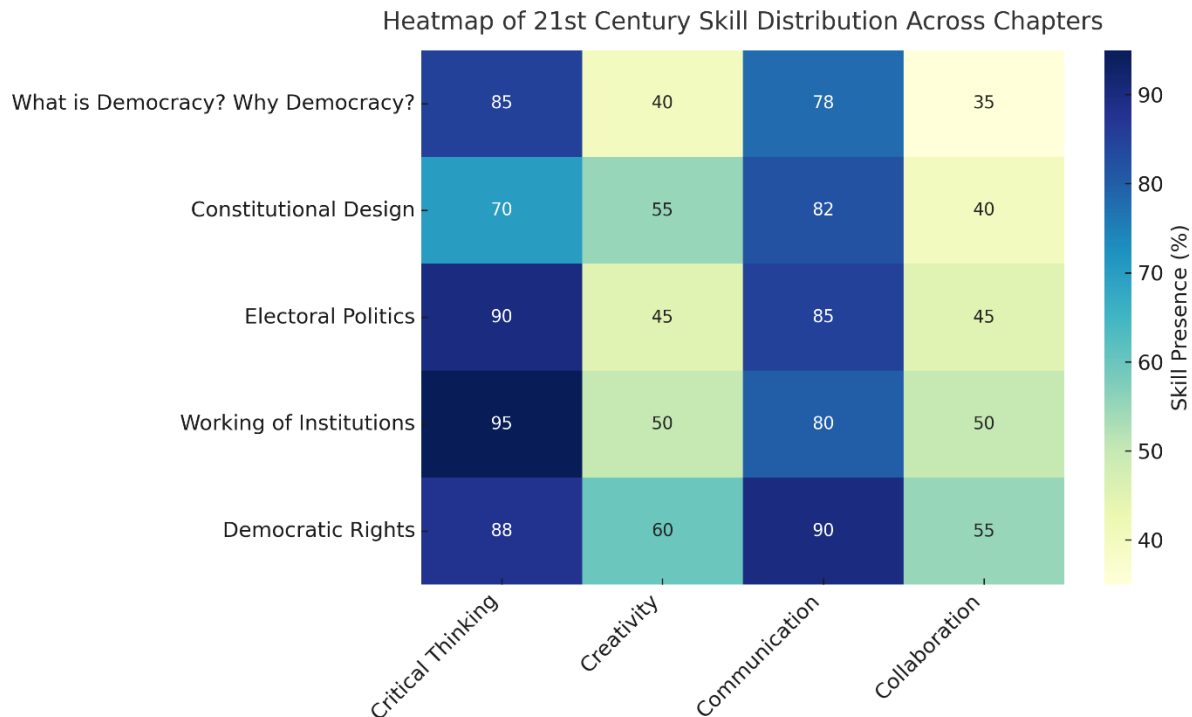


Figure 1 demonstrates a clear pattern—high representation of CT and CM, moderate CR, and limited CL across chapters.

8.2 Chapter 1 – What is Democracy? Why Democracy?

This chapter introduces the conceptual foundations of democracy and contrasts it with authoritarian regimes. The activities, discussion prompts, and “Lyngdoh Madam” classroom dialogues encourage learners to analyze, evaluate, and reflect—core indicators of Critical Thinking.

Example excerpt:

“Read this cartoon and discuss whether elections held under the army’s supervision can be called democratic.” (NCERT, 2023, p. 5)

This question exemplifies evaluative reasoning, requiring students to judge the authenticity of democratic processes. Further, learners are asked to “list the features of a democratic government” and “identify non-democratic features in given examples,” both promoting comparison and conceptual classification (Bloom Level 4 – Analyze).

Creativity is less visible but emerges in tasks like designing a poster on democracy or writing about “how democracy could be improved.” Communication is reinforced through continuous classroom dialogue, cartoon interpretation, and peer discussion.

However, Collaboration remains implicit—activities are discussion-based but not structured for teamwork.

Summary: Chapter 1 strongly supports *Critical Thinking* and *Communication* but provides limited scope for creative and collaborative output.

8.3 Chapter 2 – Constitutional Design

This chapter discusses the making of India’s Constitution, focusing on South Africa’s experience and the Constituent Assembly. It advances higher-order reasoning through comparative analysis and historical reflection.

Critical Thinking is cultivated via prompts such as:

“Why did the people of South Africa need a new Constitution?” (p. 19)

“How did the Indian Constitution safeguard minority rights?” (p. 23)

These tasks encourage learners to connect historical context with principles of justice, equality, and representation. Creativity is developed through tasks inviting students to “design a preamble for your classroom” or “write your own constitutional vision for school governance.” Such exercises embody Fluency and Originality, two CBSE-identified creative subskills.

Communication is integrated through debates and textual analysis of the Preamble, while Collaboration is modestly visible when students are asked to “discuss in groups what values your class constitution should include.”

Summary: Chapter 2 balances *Critical Thinking* and *Creativity* more effectively, embedding 21st century learning through reflective civic imagination.

8.4 Chapter 3 – Electoral Politics

This chapter examines India’s electoral system, voter participation, and fairness in elections. It uses relatable scenarios—mock elections, campaign analysis, and cartoon commentary—to foster both Critical Thinking and Communication.

Example excerpt:

“Is it good to have political competition? Discuss.” (p. 39)

“Can you identify fair and unfair election practices?” (p. 36)

Such prompts require *evaluative judgment* (CT) and *argumentative communication*. The textbook also encourages creativity by asking students to “design a poster to encourage voting” and to “devise slogans promoting free and fair elections.” Collaboration appears through the “mock election” activity, which the teacher is encouraged to conduct as a group exercise—students form parties, campaign, and count votes collaboratively.

While not explicitly labeled under 21st century competencies, this simulation aligns perfectly with Collaboration and Applied Learning, as defined in the CBSE Handbook (2020).

Summary: Chapter 3 demonstrates balanced integration of CT, CM, and moderate CL, making it the most activity-rich unit.

8.5 Chapter 4 – Working of Institutions

This chapter provides the most advanced conceptual depth, analyzing the interplay among Parliament, Judiciary, and Executive. The exercises are highly analytical and demand reasoned judgment.

Example excerpt:

“Can you think of a major decision made by your state government? How were the Governor, the Council of Ministers, and the courts involved?” (p. 58)

Here, students must apply understanding of institutional mechanisms to a real-world case—reflecting High Authenticity (Level 3) and High Cognitive Demand (Level 6 – Create). Similarly, the case study on the *Mandal Commission* invites students to weigh fairness and representation—clear Critical Thinking tasks.

Communication remains strong, particularly in activities encouraging classroom debate about the “balance of power” among institutions. Creativity surfaces when students are invited to “suggest measures to make Parliament more responsive,” though these remain optional reflections rather than structured tasks. Collaboration increases moderately through “group discussions on decision-making,” though cooperative outcomes are not formally assessed.

Summary: Chapter 4 is the most analytically demanding, strongly aligned with *Critical Thinking* and *Communication* but still weak in structured teamwork.

8.6 Chapter 5 – Democratic Rights

The final chapter focuses on the Fundamental Rights and Duties in the Indian Constitution. It offers some of the most value-laden and participatory learning opportunities in the textbook.

Critical Thinking is cultivated through hypothetical problem situations:

“Suppose your friend is arrested by the police for 48 hours without being presented before a magistrate. Which right is being violated?” (p. 83)

This exercise demands both *conceptual understanding* and *ethical reasoning*. Creativity appears in tasks like “design a citizens’ charter for your locality” and “compose a pledge on protecting democratic rights.” Communication is evident in debates on issues such as censorship, minority rights, and equality. Collaboration appears in “classroom discussions” and “group presentations” on human rights violations, marking a clear improvement from earlier chapters.

Summary: Chapter 5 is the most balanced unit, integrating all four Cs effectively, especially linking values, rights, and citizenship practices.

8.7 Cross-Chapter Synthesis

Across all five chapters:

- Critical Thinking dominates (average = 85%), consistent with the subject’s conceptual nature.
- Communication is nearly equal in prevalence (average = 83%), due to the textbook’s dialogic pedagogy.
- Creativity (average = 50%) and Collaboration (average = 45%) are less visible but show progressive increase toward later chapters.

The Civics textbook thus exhibits a linear skill development pattern—beginning with individual analysis (Ch. 1–2), moving to participatory tasks (Ch. 3–4), and culminating in value-based collaboration (Ch. 5).

This pattern aligns partially with CBSE’s (2020) recommendation for “spiral progression of skill complexity” but lacks formal articulation in the teacher’s guide or assessment framework.

9. Discussion

The overall analysis reveals that the Class 9 Civics textbook already incorporates substantial critical inquiry and communicative reasoning, which correspond to NEP 2020’s emphasis on conceptual depth and deliberation. However, Creativity and Collaboration remain underrepresented, echoing findings from international textbook research (Soysal, 2020; Brooks & Phelps, 2021).

From a pedagogical perspective, these gaps suggest that while NCERT materials successfully model *discussion*, they seldom translate this into *co-construction* or *innovation*. The CBSE 21st Century Skills Handbook (2020) emphasizes that all learners should have opportunities to “collaborate to co-create solutions for community issues.” Activities like mock parliaments and poster design in the Civics textbook offer a foundation for this goal, but their limited scaffolding restricts transformative learning potential.

Furthermore, assessment guidelines continue to prioritize recall and short-answer formats. Embedding formative rubrics assessing the 4Cs—especially creativity and teamwork—would bridge the policy–practice gap between CBSE’s competency-based approach and textbook-driven classroom realities.

10. Educational Implications and Recommendations

The findings present that while the CBSE Class 9 Civics textbook effectively cultivates *Critical Thinking* and *Communication*, the other two skills—*Creativity* and *Collaboration*—require more systematic integration. To strengthen alignment with the CBSE 21st Century Skills Handbook (2020) and NEP 2020, the following recommendations are proposed.

10.1 Curriculum and Textbook Development

1. Embed Competency Statements within Chapters:

Each chapter should explicitly state which 21st century competencies it aims to develop. For example, at the start of *Chapter 3: Electoral Politics*, a note such as “This chapter will help you practice critical thinking by analyzing fairness in elections and collaboration by organizing a mock voting exercise” would make skill outcomes visible to learners and teachers alike.

2. Diversify Activity Types:

Current activities rely heavily on recall and discussion. Integrating open-ended projects, design-thinking tasks, and case-based problems can enhance both *Creativity* and *Collaboration*. For instance, tasks like “*Design a civic innovation campaign to increase voter participation*” or “*Propose a youth charter for democratic participation*” would extend beyond conceptual understanding toward application and creation.

3. Integrate Cross-Disciplinary Learning:

The CBSE Handbook (2020) advocates for linking social science learning with environmental, technological, and ethical themes. Chapters could include interdisciplinary projects—e.g., linking *Democratic Rights* with *Digital Citizenship* and *Media Literacy*—reflecting real-world problem contexts.

4. Embed Collaboration Indicators in Teacher Notes:

Teachers need structured guidance on facilitating teamwork. Activity boxes should specify roles, expected outcomes, and reflection prompts aligned with the Collaboration Skill Descriptors (CBSE, 2020):

- Participates actively in group discussions.
- Shares responsibilities and values diverse perspectives.
- Contributes constructively to achieve common goals.

10.2 Pedagogical Practice

1. Adopt Experiential Learning Models:

According to the CBSE Handbook (2020), experiential learning connects classroom concepts with community-based experiences. Activities such as *local governance audits*, *community interviews*, or *student-led debates on rights and equality* would deepen understanding and application.

2. Formative Assessment for the 4Cs:

Assessment rubrics should measure how effectively students demonstrate 4C competencies, not just content recall. For example,

- *Critical Thinking*: Uses evidence and reasoning to justify opinions.
- *Creativity*: Generates multiple, original civic ideas.
- *Communication*: Expresses ideas clearly, using relevant examples.
- *Collaboration*: Cooperates, listens, and contributes equitably.

3. Teacher Capacity Building:

Teachers need professional development to operationalize 21st century learning outcomes. Workshops could focus on:

- Designing collaborative projects.
- Facilitating student discourse.
- Using reflective assessment rubrics.

These align with NEP 2020's emphasis on teacher autonomy and innovation in curriculum delivery.

10.3 Policy-Level Recommendations

1. Textbook Evaluation Framework:

CBSE and NCERT should institutionalize a *4C Evaluation Rubric* for future textbook revisions, ensuring each lesson includes at least one activity per skill domain. This approach mirrors the OECD Learning Compass 2030, which positions *knowledge, skills, attitudes, and values* as interconnected learning dimensions.

2. Digital Integration:

The next NCERT textbook revisions (as per NCFSE 2023) could incorporate QR-linked interactive media, allowing students to participate in polls, simulations, or collaborative online debates—enhancing engagement and skill practice.

3. Feedback Loop between Classrooms and Curriculum Developers:

Data from student projects and teacher reflections could be used to iteratively improve textbook design—making CBSE's competency-based reforms genuinely dynamic.

11. Suggestions for Further Studies

1. Comparative Textbook Studies:

Future research could compare 21st century skill integration across different CBSE subjects (e.g., History, Geography, English) or between CBSE and State Board curricula to assess systemic consistency.

2. Classroom Implementation Research:

Observational and ethnographic studies could examine how teachers mediate these textbook activities, and whether intended competencies translate into classroom practice.

3. Longitudinal Impact Analysis:

Tracking how 4C-aligned Civics education influences civic participation, problem-solving ability, and social empathy among students over time.

4. Digital and AI-Enhanced Civics Learning:

Future initiatives may explore integrating AI-based learning environments that personalize inquiry-based Civics tasks—aligning with CBSE's 2023 *Digital Infrastructure for School Education (DIKSHA)* vision.

5. Student Voice and Feedback Studies:

Including learner perspectives on how textbook design influences their engagement, motivation, and understanding of democratic values.

12. Conclusion

The analysis of the Class 9 *Democratic Politics-I* textbook reveals both strengths and limitations in CBSE's endeavor to embed 21st century learning skills. The findings indicate that Critical Thinking and Communication are deeply ingrained through reflective questioning, dialogic pedagogy, and case-based analysis. However, Creativity and Collaboration remain secondary, primarily due to traditional activity formats and the absence of structured cooperative tasks.

The study reinforces the CBSE 21st Century Skills Handbook (2020) assertion that true 21st century learning involves “*thinking beyond the known, communicating meaningfully, and collaborating to co-create solutions for the future.*” To fully realize this vision, textbooks must transcend content transmission and embrace inquiry, innovation, and participation as central pillars of learning design.

Embedding 4C-aligned learning outcomes, formative assessments, and teacher facilitation frameworks can transform Civics education into an active laboratory for democratic citizenship—where students don't just learn about democracy but *learn democratically*.

In conclusion, aligning textbook design, pedagogy, and assessment with the 4Cs framework will ensure that CBSE's mission—“*to empower learners with global competencies and lifelong skills*”—translates meaningfully into everyday classroom experiences.

References

- Bell, S. (2010). Project-based learning for the 21st century: Skills for the future. *The Clearing House*, 83(2), 39–43.
- Bhattacharya, R. (2021). Textbook reform and critical pedagogy in Indian education. *Journal of Curriculum Studies*, 53(4), 518–534.
- Brooks, R., & Phelps, L. (2021). Integrating creativity in civic education: Comparative textbook analyses. *International Review of Education*, 67(5), 721–740.
- CBSE. (2020). *21st Century Skills: A Handbook*. New Delhi: Central Board of Secondary Education.
- CBSE. (2023). *Democratic Politics–I: Class 9 Textbook*. New Delhi: National Council of Educational Research and Training.
- Chiang, H. (2016). The development of critical thinking in social studies textbooks: A comparative analysis. *Asia Pacific Education Review*, 17(1), 79–89.
- Fullan, M., & Langworthy, M. (2014). *A Rich Seam: How New Pedagogies Find Deep Learning*. London: Pearson.
- Kumar, K. (2019). The politics of knowledge in Indian school textbooks. *Economic and Political Weekly*, 54(19), 45–53.
- Ministry of Education. (2020). *National Education Policy 2020*. Government of India, New Delhi.
- Mishra, S., & Sharma, N. (2020). Assessing 21st century skill integration in Indian classrooms. *Indian Journal of Educational Research*, 39(3), 89–105.
- OECD. (2019). *Future of Education and Skills 2030: OECD Learning Compass*. Paris: OECD Publishing.
- Partnership for 21st Century Learning (P21). (2019). *Framework for 21st Century Learning*. Washington, DC.
- Pradhan, M. (2022). Social science textbooks and democratic learning: A content analysis. *Indian Educational Review*, 60(2), 15–32.
- Soysal, F. (2020). Promoting higher-order thinking through social studies textbooks. *International Journal of Social Education*, 35(4), 221–243.
- Srivastava, A. (2021). Pedagogical shifts in CBSE social science textbooks post-NEP 2020. *Contemporary Education Dialogue*, 18(1), 23–41.
- Torney-Purta, J., & Barber, C. (2012). Democratic citizenship and 21st century skills: Civic learning in schools and beyond. *CIRCLE Working Paper*.
- UNESCO. (2015). *Rethinking Education: Towards a Global Common Good*. Paris: UNESCO.
- Vuorikari, R., Punie, Y., & Redecker, C. (2018). *European Framework for the Digital Competence of Educators (DigCompEdu)*. Luxembourg: Publications Office of the European Union.
- World Economic Forum. (2020). *Schools of the Future: Defining New Models of Education for the Fourth Industrial Revolution*. Geneva: WEF.