



Utilizing CORE (Connecting, Organizing, Reflecting, Extending) Learning Models for Historical Learning in the Pandemic Era

Harun Al Rasyid Harunalrasyid755@gmail.com School of Postgraduate Studies, Universitas Pendidikan Indonesia

Abstract: The primary purpose of this study is to know the CORE (Connecting, Organizing, Reflecting, and Extending) learning models for historical learning in the pandemic Era. The primary question is how to apply the model and integrate it in the learning during the pandemic Era, and how to analyses CORE (Connecting, Organizing, Reflecting, and Extending) leaning models for historical in the pandemic Era. Research Methods used to the litterateur of review with impendence sources. The problems found by educators can be seen in historical learning opinions about history education learn using just discourse methods, memorized methods and longtime period's studies historical learning. It made students less interested even feeling bored in historical learning. CORE (Connecting, Organizing, Reflecting, and Extending) learning models have become solutions for solving problems in historical learning. Using Core learning models afford students more active studying, increase critical thinking, and create a valuable learning experience for students in school.

Keywords: Core (Connecting, Organizing, Reflecting, Extending), learning models, historical learning, the Pandemic era

Introduction

The pandemic era has forced the learning process into an online mode (Singh et al., 2021). This condition is causing problems for educators when we use online learning, mainly in the utilization of learning models with teachers teaching in the classroom (Pokhrel & Chhetri, 2021; Calamlam et al., 2021). Furthermore, educators must be more creative in online learning when







everything is uncertain or limited to innovation in learning during the pandemic Era (Mok et al., 2021), (Saxena et al., 2021). Online learning in the period is the pandemic Era now create learning condition less growing motivation and critical thinking to students (Shamir-Inbal & Blau, 2021; Alqabbani et al., 2020). That is because some issues by educators and students likely network, quota, laptop. (Koris et al., 2021; Islam et al., 2021). The educator shall fix in executing online learning with less on the speak up before students be given an opportunity on learning development from school and teacher (Neuwirth, 2020; Nilsberth et al., 2021).

The Problems of history education about material have been extended, and period's time divergence is sizeable with students (Hasan, 2019). Historical learning too often makes students felling much memorization so as low interest in the classroom and some opinions learning history education too more the theories and abstract for students (Santosa, 2017; Alfian, 2011; Popa, 2021; Mccall, 2016). Historical learning has so long and wide material scope that history makes students sometimes forget before in lesson material history (Glencross, 2015; Bertram, 2017). Some Also factor Environment can be influenced accept on material historical learning from the teacher. (Paine et al., 2020; Miguel-revilla & Calle-carracedo, 2020; Parellada & Carretero, 2020). Although historical learning gives too concept map thinking in world history and great people history have been effect for progress the human face (Baldwin, 2020; Hernández-ramos, 2013; Gillett & Foster, 2020; Grace, n.d.). Historical learning studies history and instills the past values for society in the surroundings (Wineburg et al., 2013; Pace, 2017; Hodkinson, 2000; Anderson & Stillman, 2013; Fleer, 2016; Roger, 2004).

Core (connecting, organizing, reflecting, extending) learning models connect old and new concerts with new knowledge (Budiyanto, 2016; Sari & Kadir, 2020; Sari & Karyati, 2020). Besides, learning models gather old knowledge with new knowledge, which has similarities with questions about the concert (Ningsih et al., 2019; Safitri et al., 2014). Despite, Core (connecting, organizing, reflecting, extending) learning models know students are more active in progress learning di classroom (Wicaksana et al., 2014; Mardiana et al., 2020; Irawan, 2018; Deswita & Kusumah, 2018). The purpose core learning models make to learn experience all students with new concerts until the purpose of learning can be reached in lesson history study (Hidayat et al., 2014; Artasari et al., 2013; Fatimah, 2019; Luksiana & Purwaningrum, 2018).





Methods

This research uses literature review guidance in writing research (Johnson, 2014; Crewell, 2018; Leavy, 2017). That is methods descript research procedure with some article and journal sources for data in this research with criteria suitable focus about Core (connecting, organizing, reflecting, extending) learning models. Research design literature review has step by step in this research for to know to begin until data final which data be treated according to research provisions (VanderStoep & Johnston, 2009). That is a step by a step literature review as follows:

- 1. Begin, gathering keyword core (connecting, organizing, reflecting, extending) learning models, historical learning, and the pandemic era a material for research topics in the library in university;
- 2. After, Keywords research we search journals and book in the website about international and national one, books and other publications;
- 3. The first found 50 research reports from Journal and books which connecting about research topics core (connecting, organizing, reflecting, extending) learning models, historical learning, and the pandemic era;
- 4. Article and book have been collected, next step, it is understood and analysis what have connecting and can using in this research;
- 5. If we feel that the sources have benefit, then start to make literature map or visual in this research core (connecting, organizing, reflecting, extending) learning models, historical learning, and the pandemic era;
- 6. When preparing a literature repository or conceptual map, starts with preparing before summarizing the article and the resulting research for robust research data;
- 7. Finally, we can make essential concerts systematically. The final literature review creates conclusions & recommendations topics core (connecting, organizing, reflecting, extending) learning models for historical learning in the pandemic era (Creswell, 2018; Johnson, 2014; Leavy, 2017).

Findings

Core (Connecting, Organizing, Reflecting, Extending) learning models for historical learning in the pandemic Era. Core (connecting, organizing, reflecting, extending) learning





models (Wicaksana et al., 2014). Historical learning in the pandemic Era needs some consideration which models fool-proof using and not necessarily expensive cost because it is mainly memory training with concerts or information in students, training critical thinking in students and making active learning process for students in the pandemic Era. In the history learning process in the pandemic Era, Students must be using online learning. Core (connecting, organizing, reflecting, extending) learning models can learn more than ideas or topics. That is founding in surroundings, not just get out of our home or town for founding knowledge and information. Despite, there are not all available everything in the house.

Applying Core (Connecting, Organizing, Reflecting, and Extending) learning models for historical learning in the pandemic era; step by step. There are four steps (Connecting, Organizing, Reflecting, and Extending) learning models for historical learning in the pandemic Era as follow:

1. Connecting

Connecting, historical learning general teach about past knowledge, next connection with now knowledge which can be looking and feeling (Ningsih et al., 2019). Students given be understanding concert about how to connect old knowledge with new knowledge have available in historical learning in the pandemic Era. In the online learning process, students create a table from Microsoft Word. Next, the educator makes the first table about old knowledge or old concert and the second table new knowledge or new concert.

2. Organizing

Organizing is students' activity organizing information about historical learning in the pandemic (Sari & Karyati, 2020; Safitri et al., 2014). *Organizing*, students make organizing or categorize concerts from early stages that connect knowledge or concert. Besides, that is information knowledge input tables in Microsoft Word.

3. Reflecting

Reflecting, Students reflecting or imagining back again about knowledge or concert have been doing historical learning in the pandemic Era (Sari & Kadir, 2020). Students review again concert or knowledge collecting step one and two and then check to evert knowledge already in the table.







4. Extending

Extending, students create new concepts from ancient and current knowledge (Safitri et al., 2014; Sari & Karyati, 2020). Students expand their knowledge about what they have learned in learning history online about the pandemic. The last step is to analyze old knowledge or concepts with new ones to get anew. It can be used to create or expand knowledge of these two concepts so that students can make students more in-depth and critical in the historical learning process of online mode.

Analyses using CORE (Connecting, Organizing, Reflecting, Extending) learning models for historical learning in the pandemic Era. Implementing the Core (connecting, organizing, reflecting, extending) learning model is not easy for educators because it takes a little longer to prepare for learning due to internal and external factors. Internal factors can be seen from educators and students. This factor can be seen during connecting learning because it requires high memory of previous knowledge. Meanwhile, external factors such as internet networks, quotas, and computers or laptops can affect learning. However, this is also a challenge for educators in the learning process with the core learning model to find a formula for increasing students' knowledge following the learning objectives carried out by following the school's learning plan (RPP).

Conclusion

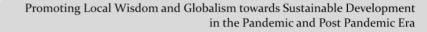
History learning using the Core (Connecting, Organizing, Reflecting, and Extending) learning model is one of the solutions for the learning process online because it has many positive impacts for students, as seen and illustrated. Students better understand and make it easier to describe historical knowledge and facts. Students are more active in learning and create meaningful learning experiences for students. This understanding is a helpful moment for students because students do not only remember years or historical events but rather how history becomes a lesson for them in the future to overcome the development of globalization in today's society. Due to its functionality, it is highly recommended for history teachers and schools to apply the CORE learning model in the classroom both online or in person.





References

- Ade, E. V. K. (2019). Peningkatan Kemampuan Koneksi Matematis Melalui Pembelajaran Model Connecting- Organizing-Reflecting-Extending (Core). Journal of Mathematics Education and Science, 1(2), 1–8.
- Alfian, M. (2011). Pendidikan Sejarah dan Permasalahan Yang Dihadapi. *Jurnal Ilmiah Kependidikan*, 111, no 3(2), 8.
- Alqabbani, S., Almuwais, A., Benajiba, N., & Almoayad, F. (2020). Readiness towards emergency shifting to remote learning during COVID-19 pandemic among university instructors. *E-Learning and Digital Media*, 18(5), 460–479. https://doi.org/10.1177/2042753020981651
- Anderson, L., & Stillman, J. (2013). Making Learning the Object: Using Cultural Historical Activity Theory to Analyze and Organize Student Teaching in Urban High-Needs Schools. 115(March 2013), 1–36. https://doi.org/10.1177/016146811311500303
- Artasari, Y., Arini, N. W., & Wirya, I. N. (2013). Pengaruh Model Pembelajaran Connecting Organizing Reflecting Extending (CORE) Terhadap Kemampuan Berpikir Divergen Siswa Kelas IV Mata Pelajaran IPS. Jurnal Mimbar PGSD UNDIKSHA, 1(1).
- Baldwin, C. K. (2020). Implementer learning in developmental evaluation : A cultural, historical activity theory and expansive learning analysis. https://doi.org/10.1177/1356389019895033
- Bertram, C. (2017). Oral History Interviews : Interviews in History Lessons. 54(3), 444–484. https://doi.org/10.3102/0002831217694833
- Budiyanto, M. A. K. (2016). Sintak 45 Model Pembelajaran dalam Student Centerd Learning (SCL).
- Calamlam, J. M., Ferran, F., & Macabali, L. G. (2021). Perception on research methods course's online environment and self-regulated learning during the COVID-19 pandemic. *E-Learning and Digital Media*, 0(0), 1–27. https://doi.org/10.1177/20427530211027722
- Creswell, D. & John, C. (2018). Research Design Qualitative, Quantitative, and Mixed Methods Approaches.
- Deswita, R., & Kusumah, Y. S. (2018). Peningkatan Kemampuan Komunikasi Matematis Siswa Melalui Model Pembelajaran CORE dengan Pendekatan Scientific. *Edumatika : Jurnal Riset Pendidikan Matematika*, 1(1), 35. https://doi.org/10.32939/ejrpm.v1i1.220
- Ermenc, K. S., Kalin, J., & Mažgon, J. (2021). How to Run an Empty School: The Experience of Slovenian School Heads During the COVID-19 Pandemic. SAGE Open, 11(3). https://doi.org/10.1177/2158244021103
- Fleer, M. (2016). The relations between a curriculum : A cultural-historical study of home-play pedagogy in the context of structured learning in international schools in Malaysia. https://doi.org/10.1177/14639491166



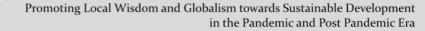




- Gillett, A. G., & Foster, W. M. (2020). Developing historical consciousness in management learners. https://doi.org/10.1177/1350507619869669
- Glencross, A. (2015). From ' doing history ' to thinking historically : Historical consciousness across history and international relations. https://doi.org/10.1177/0047117815608233
- Grace, A. P. (n.d.). lifelong learning chic in the modern practice of adult education: historical and contemporary perspectives. 11(1), 62–79.
- Hernández-ramos, P. (2013). Technology-Enhanced Project-Based Learning: Effects on Historical Thinking. 28(4), 1–14.
- Hidayat, M. Y., Lesmanawati, I. R., & Maknun, D. (2014). Penerapan Model Pembelajaran Core (Connecting, Organizing, Reflecting, Dan Extending) Terhadap Peningkatan Hasil Belajar Siswa Pada Konsep Ekosistem Di Kelas X Sman 1 Ciwaringin. *Scientiae Educatia*, 3(2), 111–124.
- Hodkinson, A. (2000). The social context of learning and the assimilation of historical time concepts: An indicator of academic performance or an unreliable metric?
- Irawan, B. P. (2018). Pengaruh Model Pembelajaran Core (Connecting, Organizing, Reflecting, Extending) Terhadap Kemampuan Pemahaman Konsep Dan Kemampuan Penalaran Matematika Siswa Sekolah Menengah Kejuruan. *Journal of Mathematics Science and Education*, 1(1), 38– 54. https://doi.org/10.31540/jmse.v1i1.132
- Islam, M. A., Nur, S., & Talukder, M. S. (2021). E-learning in the time of COVID-19: Lived experiences of three university teachers from two countries. *E-Learning and Digital Media*, 0(0), 1–24. https://doi.org/10.1177/20427530211022924
- Koris, R., Mato-Díaz, F. J., & Hernández-Nanclares, N. (2021). From real to virtual mobility: Erasmus students' transition to online learning amid the COVID-19 crisis. *European Educational Research Journal*, 20(4), 463–478. https://doi.org/10.1177/14749041211021247
- Luksiana, E., & Purwaningrum, J. P. (2018). Model Pembelajaran Core untuk Meningkatkan Kemampuan Pemecahan Masalah Matematis Berbantuan Media Batik. ANARGYA: Jurnal Ilmiah Pendidikan Matematika, 1(2), 98– 102. https://doi.org/10.24176/anargya.v1i2.2936
- Mardiana, M., Deswita, H., & Isharyadi, R. (2020). Pengaruh Model Pembelajaran CORE (Connecting, Organizing, Reflecting, Extending) Terhadap Kemampuan Koneksi Matematis Siswa Kelas VIII SMP N 3 Rambah. Jurnal Absis: Jurnal Pendidikan Matematika Dan Matematika, 2(2), 180–187. https://doi.org/10.30606/absis.v2i2.390
- Mccall, J. (2016). Teaching History With Digital Historical Games: An Introduction to the Field and Best Practices. https://doi.org/10.1177/ 1046878116646693



- Miguel-revilla, D., & Calle-carracedo, M. (2020). Fostering engagement and historical understanding with a digital learning environment in secondary education. https://doi.org/10.1177/2042753020957452
- Mok, K. H., Xiong, W., & Bin Aedy Rahman, H. N. (2021). COVID-19 pandemic's disruption on university teaching and learning and competence cultivation: Student evaluation of online learning experiences in Hong Kong. *International Journal of Chinese Education*, 10(1). https://doi.org/10.1177/22125868211007011
- Neuwirth, L. S., Jović, S., & Mukherji, B. R. (2020). Reimagining higher education during and post-COVID-19: Challenges and opportunities. *Journal of Adult and Continuing Education*, 2059. https://doi.org/10.1177/1477971420947738
- Nilsberth, M., Liljekvist, Y., Olin-Scheller, C., Samuelsson, J., & Hallquist, C. (2021). Digital teaching as the new normal? Swedish upper secondary teachers' experiences of emergency remote teaching during the COVID-19 crisis. *European Educational Research Journal*, 20(4), 442–462. https://doi.org/10.1177/14749041211022480
- Ningsih, T. S., Abdurahman, Mardapi, D., & Fayanto, S. (2019). Study on the effect of Core (connecting, organizing, reflecting, and extending) learning model on mathematics learning outcomes of the cognitive domain. Universal Journal of Educational Research, 7(11), 2463–2471. https://doi.org/10.13189/ujer.2019.071125
- Pace, D. (2017). Thoughts on history, tuning, and the scholarship of teaching and learning in the United States.
- Paine, G., Thompson, S., Prior, J., Connon, I., & Kent, J. L. (2020). Bringing History Forward: Learning from Historical Context when Translating *Contemporary Health Evidence into Planning Practice*.
- Parellada, C., & Carretero, M. (2020). Historical borders and maps as symbolic supports to master narratives and history education.
- Patricia Leavy. (2017). Research Design Quantitative, Qualitative, Mixed Methods, Arts-Based, and Community-Based Participatory Research Approaches.
- Pokhrel, S., & Chhetri, R. (2021). A Literature Review on Impact of COVID-19 Pandemic on Teaching and Learning. Higher Education for the Future, 8(1), 133–141. https://doi.org/10.1177/2347631120983481
- Popa, N. (2021). Operationalizing Historical Consciousness : A Review and Synthesis of the Literature on Meaning Making in Historical Learning: Vol. XX (Issue X). https://doi.org/10.3102/00346543211052333
- R. Burke Johnson, L. C. (2014). Educational research: Quantitative, qualitative, and mixed approaches fifth edition.
- Roger, G. (2004). History, learning technology, and student. 232–247. https://doi.org/10.1177/1469787404043811







- S. S. U., Asmar, A., & Oktavia, B. (2018). Learning Tools Based On Connecting, Organizing, Reflecting And Extending (Core) Models For Class VIII Small Classes Valid. 285(Icm2e), 246–249.
- Safitri, D., Handayani, S., & Umamah, N. (2014). Penerapan Model Connecting, Organizing, Reflecting, dan Extending (CORE) Untuk Meningkatkan Kreativitas dan Hasil Belajar Sejarah Peserta Didik Kelas X3 SMAN 1 Bangorejo Tahun Ajaran 2013 / 2014 The Application of Model Connecting, Organizing, Refl. Edukasi Unej, I(2), 10–14.
- Said Hamid Hasan. (2019). Pendidikan Sejarah untuk Kehidupan Abad Ke 21. HISTORIA: Jurnal Pendidik Dan Peneliti Sejarah, II(2), 61–72.
- Santosa, Y. B. P. (2017). Problematika Dalam Pelaksanaan Pendidikan Sejarah Di Sekolah Menegah Atas Kota Depok. *Jurnal Candrasangkala Pendidikan Sejarah*, 3(1), 30.
- Sari, D. P., & Kadir. (2020). Effect of CORE (Connecting, Organizing, Reflecting, Extending) Learning Models on Students' Mathematical Connections Ability. ICMIs 2018, 487–490.
- Sari, E. P., & Karyati. (2020). CORE (Connecting, Organizing, Reflecting & Extending) learning model to improve the ability of mathematical connections. Journal of Physics: Conference Series, 1581(1). https://doi.org/10.1088/1742-6596/1581/1/012028
- Saxena, C., Baber, H., & Kumar, P. (2021). Examining the Moderating Effect of Perceived Benefits of Maintaining Social Distance on E-learning Quality During COVID-19 Pandemic. Journal of Educational Technology Systems, 49(4), 532–554.
- Shamir-Inbal, T., & Blau, I. (2021). Facilitating Emergency Remote K-12 Teaching in Computing-Enhanced Virtual Learning Environments During COVID-19 Pandemic - Blessing or Curse? Journal of Educational Computing Research, 59(7), 1243–1271.
- Singh, J., Steele, K., & Singh, L. (2021). Combining the Best of Online and Face-to-Face Learning: Hybrid and Blended Learning Approach for COVID-19, Post Vaccine, & Post-Pandemic World. In Journal of Educational Technology Systems.
- Squire, K. D. (2021). From virtual to participatory learning with technology during COVID-19. *E-Learning and Digital Media*, 0(January 2020), 1–23.
- VanderStoep, S. W., & Johnston, D. D. (2009). Research methods for everyday life: blending qualitative and quantitative approaches (Vol. 24).
- Wicaksana, N. J., Wirya, I. N., & Margunayasa, I. G. (2014). Pengaruh Model Pembelajaran Core (Connecting Organizing Reflecting Extending) Berbasis Koneksi Matematis Terhadap Hasil Belajar Matematika. Ngh.Jaya Wicaksana, Nym Wirayya, Gd Margunayasa, 2 no 1.
- Wineburg, S., Mosborg, S., Porat, D., Duncan, A., & Wineburg, S. (2013). Common Belief and the Cultural Curriculum : An Intergenerational Study of Historical Consciousness. 44(1), 40–76.