



THE METHODS OF DEVELOPING LOGICAL THINKING USING AUTHENTIC MATERIALS IN THE CLASSROOM

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ABSTRACT. Developing critical thinking skill is considered to be one of the key skills for any 21st century learner. This study aimed at developing critical thinking skills using authentic materials among the first year undergraduate students. This study also focuses on the advantages of using authentic materials and also various methods used to develop critical thinking skills using authentic materials in the classroom. The authentic materials used for this study are newspapers, magazines, brochures etc. Students also responded positively to the authentic learning environment. The result had the implication that by selectively choosing various methods and materials can promote better understanding and active participation of students that leads to the development of critical thinking skills.

KEY WORDS: authentic materials, foreign language, second language, newspaper articles, brochures, podcasts, formal writing, multi-word expressions, logical thinking skills.

Introduction

In recent years, language curriculum is undergoing a rapid change. In order to cope up with this transition we have to form our students accordingly. We should make our students to understand the importance of developing imagination, decision making and the other high order thinking skills to make them successful in both academic life and personal life. Developing logical thinking in the curriculum has been set as a primary goal in higher education for decades. But recently it has become more urgent in implementing this goal to enhance students' employability in the fast-changing workplace. So, this article is an attempt to prove, by using authentic materials we can develop logical thinking skills in students. The main advantage of using authentic materials in the classroom are the students can easily expose to real life language and that way we can make learning more active and interesting.

Education in our country right now aiming only job market. It is getting more mechanized and devoid of individuality. In the present education system, critical thinking skill is pushed back and is almost neglected. In its place memorization, rote learning, pattern practicing, drill etc. dominate. Exams are tackled through memorization and mechanical reproduction. While the textbooks prescribed for the students contains only information transfer with same objectives, high order thinking skills can be better attained by using some authentic materials. Nowadays development of critical thinking skill has become an important educational task of colleges or universities.

Statement of the problem

Can reading authentic materials develop critical thinking skills?

What kind of authentic materials are beneficial to students to develop critical thinking skills?

Objectives of the study

The objectives of the present study are: to develop critical thinking skills through reading authentic materials, to make teaching learning process more interesting and thought-provoking.

The study is focus on finding out whether reading authentic materials develop critical thinking skills.

To evaluate the level of thinking skill by analyzing different authentic materials used by the students.

Logical thinking skill has become a buzz word in the field of education. It is a multi-step process in which students can analyze and reflect on new knowledge and integrate in to existing knowledge. One method for developing logical thinking skill is using authentic materials in the classroom. It includes newspapers, magazines, films, brochures, advertisements, literature etc. By using authentic materials students will get a real-life experience and they can understand language deeply and in a broader base. It helps students to learn a target language which is used in the daily life. "Authentic materials provide valuable support (creative approach to teaching) and can be used for a specially designed curriculum. They are bridge between the classroom and the real world" (Peacock,1997).

According to Paul and Elder (2006), "Critical thinking is that mode of thinking about any subject, content, or problem-in which the thinker improves the quality of his or her thinking by skillfully analyzing, assessing and reconstructing it". (p.23)

By using authentic materials, students will get more confidence and they will motivate ease by the support given by the teachers. In higher education, developing critical thinking skill has become the need of the hour. As a researcher, I am trying to prove by using various authentic materials we can improve critical thinking skills.

Logical thinking skills

Logical thinking is an intellectual concept which provides correct thinking order and helps to analyze, evaluate and interpret ideas from a broader perspective. Nowadays developing logical thinking skills has been identified as one of the most important means and measures leading to a person's whole personality development. Logical thinking is an extension of normal thinking. Therefore, the starting point of logical thinking can be the end point of normal thinking. In other words, logical thinking begins where normal thinking naturally ends. By developing critical thinking skills, we can make students more reflective, creative, and able to build their self-confidence and get excellent opportunities in their future career. Brown (2004) states that in an ideal academic English program, "the objectives of a curriculum are not limited to linguistic factors alone, but also include developing the art of critical thinking". (p.25)

The importance of teaching Logical thinking skill

We can make teaching learning process easier by teaching critical thinking skills. But it is not an easy process when we examined it in detail. Thinking is a natural activity and it happens when we interact with the world and it is an internal activity. Teaching critical thinking skills would give them a new experience and helps to keep away from rote learning and there by retain a long-term memory.

Authentic materials

Authentic materials are materials that are different from the usual materials used in the classrooms. They are more motivating, interesting and target different learning styles for learners and are used to develop all language skills and critical thinking skills. They were

either images, written or oral languages that were not created for pedagogical purposes. Authentic materials may vary from variety of media like newspapers, magazines, periodical, brochures, movies, television, instructional materials etc. If we use authentic materials in the classrooms we are exposing our learners to real language and they can understand different native language speakers with different writing habits. As cited by Suresh Babu Moparathi, gives some examples to authentic teaching materials ESL/EFL teachers have used. He classified into four categories as follows:

Authentic listening/viewing materials-TV commercials, quiz shows, cartoons, news clips, movies, soap operas, professionally audio and taped short stories and novels, radio advertisements, songs, documentaries and sales pitches

Authentic Visual materials-Slides, photographs, paintings, children's artwork, stick figure drawings, wordless street signs, silhouettes, pictures from magazines, ink blots, post card pictures, wordless picture books, stamps and X-rays.

Authentic Printed materials-newspaper articles, movie advertisements, astrology columns, sports reports, obituary columns, advice columns, lyrics to songs, restaurant menus, street signs, cereal boxes, candy wrappers, tourist information brochures, university catalogs, telephone books, maps, TV, guides, comic books, greeting cards, grocery coupons, pins with messages and bus schedules.

Realia (Real world objects) used in ESL/EFL classrooms-coins and currency, folded paper, wall clocks, phones, Halloween masks, dolls, and puppets, to name a few. Realia are often used to illustrate points very visually or for role-play situations.

Different authentic materials used to develop critical thinking skills

There are different methods to develop critical thinking skills using authentic materials.

Newspaper: Newspaper became an important authentic material in education for a long time. A. The following are activities based on newspaper to develop critical thinking skills.

Ask the students to guess the headline of the articles by giving them different articles without headlines. They have to guess the headline of the article based on the content a give an appropriate headline.

Ask them to fill the missing part of the headlines and ask them to come up with most possible answers.

Ask the students to select an interesting article from the newspaper and give them eight selected keywords from that article and ask them to come up with an interesting story

Ask them to summarize an article from the newspaper.

Images: Teaching images with language we are developing their critical thinking skills and also the skills of visual literacy. Bloom's Taxonomy is required for communicating vague ideas through language. Images help students to boost these skills and can be a good way to help them learn more about Bloom's Taxonomy often called "critical thinking skills". There are number of activities for developing critical thinking skills through images. Among them I have identified few interesting activities in online provided by The Learning Network of the New York Times "The different methods for developing critical thinking skills through images".

Ask them to write a caption based on an image. Teachers can ask the students to write an appropriate caption by showing an image.

Ask open-ended questions. We can ask three deceptively simple open-ended questions that help students notice details and make observations without leading them toward any conclusion or right answer.



What's going on this picture?

What do you see that makes you say that?

What more you can find?

c) Build on other's observation about the image

We can encourage them to comment on other student's observations to help them to evaluate and link to their ideas. This type of activities helps students to inculcate life skills with English language learning. These are examples showing the importance of images instead of simply using as a common tool in the language classroom.

Short stories: Short stories can be explored to develop critical thinking skills among students. They are flexible tools used to raise students' cultural awareness, motivation and high order thinking skills. By reading short stories with different themes helps students to get a different perspective of the world. The following are the different ways to develop critical thinking skills using short stories:

Ask the students critical questions concerning the characters.

Ask them to analyze the events, symbols and special characteristics.

Ask them to find out the logical reasons behind why the short story written.

Ask them to write a probable consequence of alternative actions.

Conclusions

Logical thinking skill is considered as an invaluable skill needed for the student's to be successful in both personal and professional life. As teacher's we should be thoughtful and purposeful about creating desired learning objectives for developing both low order and high order thinking skills. Selectively choosing authentic materials can make the teaching learning process more interesting, make the students' actively respond to a text and helps to engage in problem based activity.

References:

1. Нематова, З. Т., & Хакимова, М. А. (2021). Идеи об идеальном человеке, языке, процветании в эволюции общественно-политических взглядов узбекских джадидов начала XX века. *Central Asian journal of theoretical & applied sciences*, 2(5), 219-224.
2. Нематова, З. Т., & Хакимова, М. А. (2020). Songs in teaching English to young second language learners. *Молодой ученый*, (50), 497-499.
3. Tursunboevna, N. Z. (2022). Various types of assessment in language teaching and learning. *Eurasian journal of social sciences, philosophy and culture*, 2(3), 140-145.
4. Tursunboevna, N. Z., & Asomiddinovich, A. S. (2022). FORMATIVE ASSESSMENT IN LANGUAGE TEACHING AND LEARNING.
5. Nematova, Z. T. (2019). THE USAGE OF SUGGESTOPEDIA FOR TEACHING FOREIGN LANGUAGES AND INCREASE SPEECH ACTIVITY. *Новый день в медицине*, (3), 21-24.
6. Tursunboevna, N. Z., & Asomiddinovich, A. S. (2022). FORMATIVE ASSESSMENT IN LANGUAGE TEACHING AND LEARNING.
7. Nematova, Z. (2022). ADVANTAGES OF USING VIDEOS IN ENGLISH LESSONS. *International Bulletin of Applied Science and Technology*, 2(9), 8-12.
8. Tursunbaevna, N. Z. (2022). Types of Interactive Methods of Teaching Foreign Languages in Higher Education Institutions. *American Journal of Social and Humanitarian Research*, 3(10), 151-155.



9. Nematova, Z. (2022). THE TYPES OF ERROR IN SECOND LANGUAGE LEARNING. Eurasian Journal of Academic Research, 2(12), 310-314.
10. Nematova, Z. (2022). VARIOUS EXAMPLES OF DIFFERENTIATED INSTRUCTION IN THE CLASSROOM, ADVANTAGES AND DISADVANTAGES OF DIFFERENTIATED INSTRUCTION. Eurasian Journal of Academic Research, 2(12), 315-318.
11. Davlatova, M. H. (2019). Variability of Aspectual Meanings in English. European Journal of Research and Reflection in Educational Science, 7(12.2019), 778-780.
12. Davlatova, M. H. (2020). An Integrative history of Aspectual meanings. JournalNX, 6(04), 17-22.
13. Davlatova, M. H. (2020). Aspectual variability of information culture in the history of the English language. International Journal on Integrated Education, 3(3), 24-28.
14. Davlatova, M. H. (2020). Lexico-semantic Structure and Its Analysis on the Example of Verbs. JournalNX, 6(06), 189-192.
15. Davlatova, M. H. Relation of lexical-semantic structure of verbs in the linguistic essence. IEJRD-International Multidisciplinary Journal, 6(5).
16. Hasanovna, D. M. (2021). SEMANTIC IMPLEMENTATION OF RESULTATIVE STRUCTURES. METHODS, 7(6).
17. Давлатова, М. Х. (2015). The role of songs in learning English. Молодой ученый, (10), 1145-1147.
18. Hasanovna, D. M. (2021). DIFFERENT ASPECTS OF RESULTATIVE STRUCTURES ACCORDING TO THEIR LINGUISTIC ESSENCE. Academia Globe: Inderscience Research, 2 (05), 475-479.
19. Давлатова, М. Х. (2017). Этапы работы с видеотекстами на занятиях Английского языка. Интернаука, (9-2), 16-19.
20. Давлатова, М. Х. (2015). The role of songs in learning English. Молодой ученый, (10), 1145-1147.
21. Zayniddinova, T. N. (2021). The Image of the Eastern Ruler in the Works of Christopher Marlowe. Central Asian Journal Of Social Sciences And History, 2(10), 10-14.
22. Zayniddinova, T. N. (2022). The Problem of "A Strong Personality" in Shakespeare's Dramas: Richard III and Macbeth. Middle European Scientific Bulletin, 20, 7-10.
23. Zayniddinova, T. N. (2022). Lyrical Dialogue in Shakespeare's Poems as a Reflection of Renaissance Anthropocentrism and a Strong Personality. Middle European Scientific Bulletin, 21, 120-125.
24. Ташева, Н. З. (2022). КРИСТОФЕР МАРЛОУ (ЛИТЕРАТУРНЫЙ АНАЛИЗ): ТАМЕРЛЕН ВЕЛИКИЙ КАК ТИП ЛИЧНОСТИ ВОСТОЧНОГО ПРАВИТЕЛЯ. Eurasian Journal of Academic Research, 2(2), 234-239.
25. Zayniddinova, T. N. (2022). THE CHARACTER OF STRONG PERSONALITY ACCORDINGLY WITH EASTERN THEMATICS IN CHRISTOPHER MARLOWE'S PLAY "TAMBURLAINE THE GREAT". International Journal Of Literature And Languages, 2(08), 9-14.
26. Habibova, M. N. (2021). Jorjina Houellning "Queen of the desert" biografik asarida gertruda Bell timsoli tasviri. Academic research in educational sciences, 2(2), 770-778.
27. Habibova, M. N. (2021). The theme feminism in the epistolary novels in modern times. ISJ Theoretical & Applied Science, 11(103), 1101-1105.

- 28.Habibova, M. N. (2022). THE HISTORY OF THE RUSSIAN EPISTOLARY NOVEL IN EIGHTEENTH CENTURY. Eurasian Journal of Social Sciences, Philosophy and Culture, 2(3), 135-139.
- 29.Habibova, M. N. (2022). EVALUATIVE OBSERVATION ON DH LAWRENCE'S EPISTOLARY ACHIEVEMENT. EURASIAN JOURNAL OF ACADEMIC RESEARCH, 2 (4), 489–494.
- 30.Habibova, M. (2022). THEORIES OF INTERTEXTUALITY AND THE BASIC FRAMEWORK OF KRISTEVA'S FORMULATION OF HER THEORY OF INTERTEXTUALITY. Eurasian Journal of Social Sciences, Philosophy and Culture, 2(5), 301-307.
- 31.DZHALILOVA, Z. O., & SHARIPOV, A. G. ALPHABET OF LATIN LANGUAGE. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (52), 338-339.
- 32.DZHALILOVA, Z. O., & UBAJDULLOEV, A. U. U. COMPARISON DEGREES OF ADJECTIVES IN LATIN LANGUAGE. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (52), 336-338.
- 33.DZHALILOVA, Z. O., & JAKUBOV, U. S. NUMBERS IN LATIN LANGUAGE. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (52), 339-341.
- 34.DZHALILOVA, Z. O., & ALIEV, M. N. ADJECTIVE IN LATIN LANGUAGE. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (52), 332-334.
- 35.DZHALILOVA, Z. O., & ALIEV, M. N. PRONOUNS IN LATIN LANGUAGE. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (52), 334-336.
- 36.DJALILOVA, Z. O., & KHAYOTOV, K. M. K. U. LATIN PRONOUNS. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (53), 257-258.
- 37.DJALILOVA, Z. O., & KHAYOTOV, M. K. U. VERBS IN LATIN LANGUAGE. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (53), 255-257.
- 38.DJALILOVA, Z. O., & KHAYOTOV, K. M. K. U. LATIN PRONOUNS. МОЛОДОЙ УЧЕНЫЙ Учредители: ООО" Издательство Молодой ученый", (53), 257-258.
- 39.Djalilova, Z. O. (2023). A DISCOURSIIVE TURN IN THE THEORY OF LINGUISTIC POLITENESS: TO THE FORMATION OF THE THEORY OF LINGUISTIC IMPOLITENESS. International Journal Of Literature And Languages, 3(02), 15-23.
- 40.Obidovna, D. Z., & Sulaimonovich, D. S. (2023). Influence of the Mode of Work and Recreation of the Student's Health. INTERNATIONAL JOURNAL OF HEALTH SYSTEMS AND MEDICAL SCIENCES, 2(3), 3-5.
- 41.Obidovna, D. Z., & Sulaymonovich, D. S. (2023). Forming a Healthy Lifestyle for Students on the Example of the Volleyball Section in Universities. EUROPEAN JOURNAL OF INNOVATION IN NONFORMAL EDUCATION, 3(3), 22-25.