

PECULIARITIES OF USING INTERNET RESOURCES “WORDART” AND “REBUS GENERATOR” DURING THE ART LESSONS IN PRIMARY SCHOOL

Nadiya Novoselska, Solomiia-Liliia Komarnytska

*Ivan Franko National University of Lviv,
Tuhan-Baranovskoho Str., 7, Lviv, Ukraine, UA-79000
nadija.novoselska@gmail.com;
komarnickasolomia1@gmail.com*

One of the principal aims of the New Ukrainian School is to make the educational process much more modern, engaging and interactive, which seems impossible without using innovative technologies, particularly Internet resources. Teachers are in a constant search of both innovative teaching methods and their implementation forms. The relevance of this topic lies in finding effective teaching methods giving an opportunity to enhance motivation among students that will result in improving their knowledge retention. Facilitating teachers during distance learning, Internet resources have proved to be significantly decisive in today's society.

The purpose of this article is to examine the use of such Internet resources as WordArt and Rebus Generator No.1 (rebus1.com) in art lessons of primary school.

The application of the WordArt and Rebus Generator No.1 Internet resources in art lessons of primary school is thoroughly studied in this article. One of the highlighted challenges, which today's education system is confronting, is the search for methods and resources to provoke far greater motivation among students. Word clouds and rebuses are one of the most superlative instances of combining learning with playing. Eventually, these resources will be able to foster students' creative thinking and attention, generate considerable interest in learning and make lessons more entertaining, too. The step-by-step process of creating a word cloud using WordArt is detailed in the article, namely registration and review of sections like “Gallery”, “Resources” and “Templates”. Furthermore, the creation of a word cloud on the topic “Genres of Art” is described, examples of word clouds are shown, ways to save the created image are represented and examples of using WordArt in practice are provided in this article as well. The stages of creating a rebus using Rebus Generator No.1 are also examined along with recommendations on its efficient usage during a lesson. An instance of a generated rebus is shown, too. Moreover, the emphasis on the importance of using these Internet resources is summarized and prospects for further research are outlined in the article.

Keywords: Internet resources, WordArt, word clouds, rebus generator, art, art education, lesson.

Problem Statement. The modern stage of reforming the national education system with a competency-based approach applied, occurring in the context of powerful globalization trends and challenges, is associated with the intensive

development of innovative processes in all spheres of the society.

For the time being, education is facing the need to enhance motivation among students that will result in improving their knowledge retention. One of the key issues is to seek effective teaching methods and resources that will make art lessons more interactive and engaging. Thus, it is necessary to investigate the potential of the WordArt and Rebus Generator No.1 Internet resources.

Analysis of Recent Research and Publications. The analysis of scientific and pedagogical literature shows a significant increase in studies focusing on the use of various Internet resources in primary education. Certain aspects of this issue have been examined in the works of domestic scholars. For instance, a scientist N. Larionova determines the theoretical foundations of using electronic educational gaming resources in primary education and justifies their relevance in modern sociocultural conditions [4]. Another scientist O. Antonova analyzes the psychological and pedagogical aspects of incorporating digital technologies into the educational process and highlights the specifics of using modern software in the first and second grades of the New Ukrainian School [1]. A researcher N. Gushchyna characterizes the modern instructional and methodological support for New Ukrainian School teachers and identifies the features of innovative changes in primary education and modern teaching methodologies for the third and fourth grades, taking into consideration the characteristics of the second cycle of primary education [3].

The purpose of the study is to reveal the peculiarities of using such Internet resources as WordArt and Rebus Generator No.1 (rebus1.com) in art lessons in primary school.

Main Part. Scientists have proven that timely and correct use of the Internet is a key to effective preparation of primary students. The concepts of “Internet resources” and “online resources” have also been introduced into scientific discourse, logically interpreted as “resources – information resources – Internet resources – online resources”. The notion “resource” is defined as “reserves or sources of something”. Concerning education, an “online resource” is a symbiosis of the concepts of “information” and “knowledge”. Accordingly, “online resources” are a set of integrated software and hardware, technical means and information designed for publication on the Internet, being represented in a specific format [8, p. 39].

WordArt is a resource that gives users a unique opportunity to create word clouds (tag clouds). The resource is in English, but it is possible to translate the page.

Registration on the platform is a simple process. On the top panel, click on “Sign Up” (Fig. 1). Then, fill in with the required information: a username, an e-mail and a password, or register via Google or Facebook.

Sign up

Already have an account? [Log in](#)

Username

Email

Password

I have read and accept the [Terms of Service](#) and [Privacy Policy](#)

Keep me updated on WordArt.com news and offers

OR

Fig. 1. Registration Form

The top panel includes sections such as “Templates”, “Gallery”, “Pricing” and “Resources” (Fig. 2).

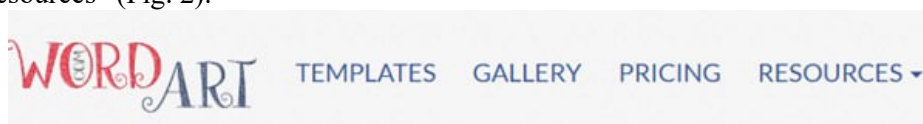


Fig. 2. Top Panel Sections

The Gallery section contains the already created word clouds that can be used. The Resources section includes frequently asked questions (information about the resource, instructions on using it), emojis (various icons that can be copied and inserted into a personal word cloud) and even more.

The Templates section (Fig. 3) consists of various templates for creating word clouds, such as Christmas, Birthday, Anniversary, School, etc. Selecting a template allows users to start creating their own word cloud immediately.

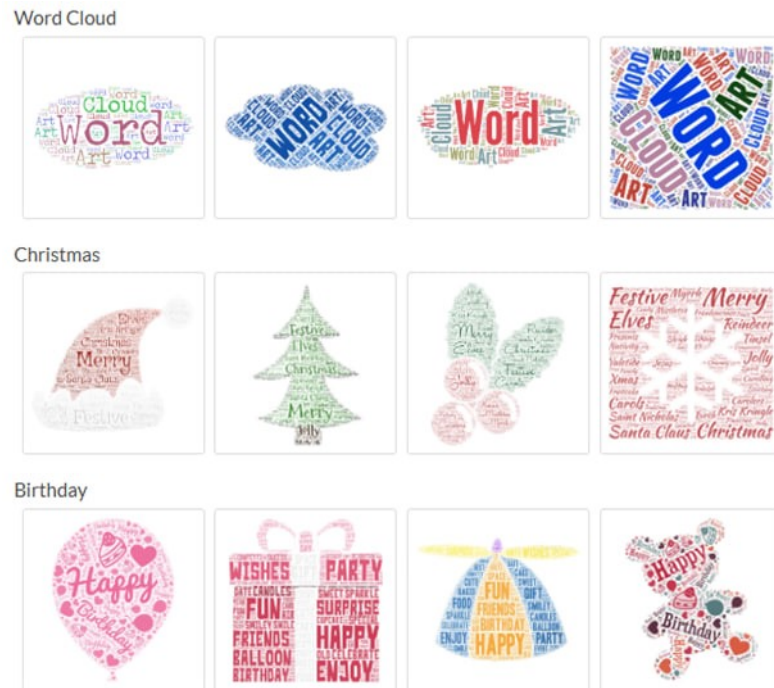


Fig. 3. Templates Section

To create a word cloud, click on “Create”. A form for words appears (Fig. 4). Words are required to be inputted in the first column as to form the cloud. To cite an instance, concerning “Genres of Art” one might input such words as “landscape”, “still life” and so on. The “Color” column allows you to pick a colour for each word. There is also the “Font” column with various fonts to choose from.

WORDS			
Search	Color	Angle	Font
Історичний		Default	BPreplay Bold Italic
Побутовий		Default	ChopinScript Medium
Пейзаж		Default	Heuristica Italic
Натюрморт		Default	Roboto Black Italic
Type in a new word			

Fig. 4. Word Form

Next, users select the **Shape** category with a wide range of options (Fig. 5) such as animals, Christmas, clouds, music, nature, sports, toys, transport and more.



Fig. 5. Shapes for a Word Cloud

After selecting the shape, users proceed to the **Font** category and select the desired typeface. After that, in the **Layout** category, users determine a word placement (horizontal, vertical, overlap, random). They can also adjust the maximum word size (from 1 % to 100 %), word amount and density.

The final section called "**Style**" allows you to select the desired colour contrast of the word cloud, the background colour, the background shape image opacity and the animation.

After clicking on "Visualize", the word cloud is ready to be used (Fig. 6).



Fig. 6. Genres of Art



Fig. 7. Types of Art



Fig. 8. Musical Instruments

The resource allows users to download the created word clouds in a standard quality (PNG, JPEG) for free and share the link, too. A premium plan is required to be purchased in cases of getting high-quality downloads.

The use of the WordArt Internet resource in art lessons may be versatile. Such word clouds can be used at the stage of activating students' prior knowledge, during studying some new material, as well as during the reinforcement and generalization lesson stages.

Instances of using WordArt are as follows:

1. **Guessing Game:** display a word cloud on an interactive whiteboard or print it out for students. The teacher asks questions within the lesson topic, and the correct responses are those words found in the very cloud. If the task is done on an interactive whiteboard, students circle the word on it. If it is printed out, each student does it individually, or the game can be organized as a pair or group activity. For instance, when it goes about the genre of visual art that depicts nature, then students circle the appropriate word – “a landscape”.

2. **Finding the Extra Word:** students identify a word in the cloud that does not match the lesson topic.

3. **Creating a Word Cloud together with students:** the resource offers the quickest and easiest way of a cloud creation using the brainstorming and association methods. Taking into account the lesson topic, the teacher asks students about associations that come to their mind when they hear a particular word. In such a way, their responses are used to generate the word cloud. Alternatively, a word cloud can be created when students are studying some artworks of remarkable artists and are analyzing the renowned composers' paintings or compositions.

Rebus Generator No.1 (rebus1.com) is another rebus generator that can be used at the stage of evoking students' motivation, introducing a topic and setting the lesson aims as well as during learning new material.

The resource requires no registration. Users enter a word or a phrase (Fig. 9), select “Children's rebus” or “Standard rebus” and click on “Generate”.

Початкове слово або фраза українською мовою (наприклад, [Земля](#)):

дитячий ребус звичайний ребус

Fig. 9. Input Field for Entering a Word or a Phrase

The rebus is already generated (Fig. 10). To save it, click on “Download Rebus” below the rebus. The generated rebus is downloaded in a PNG format. If you do not like the generated rebus, there is an “Another Rebus Option” function next to “Download Rebus”, allowing you to generate a new rebus.



Fig. 10. Generated Rebus “Portrait”

Conclusion. Using word clouds and rebuses makes art lessons much more interactive, up-to-date and engaging, at the same time keeping students entertained and highly motivated to arouse their curiosity about art education. It is advisable to use these Internet resources at any lesson stage, actively involving students in the learning process in order to align with the needs of contemporary students.

Prospects for Further Research

Further research must be focused on analyzing new resources for art lessons and developing recommendations for implementation of the above mentioned online resources.

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ОСОБЛИВОСТІ ВИКОРИСТАННЯ ІНТЕРНЕТ-РЕСУРСІВ WORDART ТА ГЕНЕРАТОРА РЕБУСІВ НА УРОКАХ МИСТЕЦТВА У ПОЧАТКОВІЙ ШКОЛІ

Надія Новосельська, Соломія-Лілія Комарницька

*Львівський національний університет імені Івана Франка,
вул. Туган-Барановського, 7, Львів, Україна, UA-79005
nadija.novoselska@gmail.com;
komarnickasolomia1@gmail.com*

Нова українська школа покликана зробити освітній процес сучасним, цікавим та інтерактивним, тому без використання інноваційних технологій, а саме інтернет-ресурсів, не обійтись. Учителі постійно перебувають у пошуку інноваційних методів навчання, у формах їх впровадження. Актуальність теми полягає в тому, що потрібно шукати ефективні методи навчання, які сприятимуть підвищенню мотивації, кращому засвоєнню знань. У контексті сьогодення варто також розуміти, що онлайн-ресурси значно полегшують роботу вчителя під час дистанційного навчання.

Мета статті – розгляд інтернет-ресурсу WordArt та генератора ребусів – Ребус № 1 (rebus1.com) – на уроках мистецької освітньої галузі.

Досліджено використання інтернет-ресурсів WordArt та Ребус № 1 на уроках мистецтва у початковій школі. Зазначено, що одна з проблем, з якою стикається освіта сьогодні – це пошук методів, ресурсів, які сприятимуть підвищенню мотивації учнів. Хмари слів та ребуси на уроці – це гарний приклад того, як поєднати навчання з грою, адже їх застосування сприяє розвитку творчого мислення, уваги, підвищує інтерес до навчання та робить уроки цікавими. Досліджено поетапність створення хмари слів (WordArt): реєстрація, розглянуто розділи сервісу “галерея”, “ресурси”, “шаблони”.

Описано створення хмари слів до теми “Жанри мистецтва”. Показано приклади хмар слів. Наведено шляхи збереження створеного зображення, а також приклади використання WordArt. Розглянуто етапи створення ребусу за допомогою генератора ребусів – Ребус № 1 (rebus1.com). Обґрунтовано, на якому етапі уроку краще застосовувати ребуси. Показано приклад згенерованого ребусу. Зроблено висновок про важливість використання даних інтернет-ресурсів. Визначено перспективи подальших досліджень, які полягають у аналізі нових ресурсів та у розробці рекомендацій щодо їх використання.

Ключові слова: інтернет-ресурси, WordArt, хмара слів, генератор ребусів, мистецтво, мистецька освітня галузь, урок.