

USING THE WORDWALL ONLINE PLATFORM IN TEACHING ZOOLOGY

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Abstract

This article discusses the use of the Wordwall online platform in teaching zoology and provides guidelines for creating assignments. In addition, the advantages and disadvantages of this platform are also highlighted.

Keywords

Natural sciences, zoology, Wordwall, interactive game

ИСПОЛЬЗОВАНИЕ ОНЛАЙН-ПЛАТФОРМЫ WORDWALL ПРИ ОБУЧЕНИИ ЗООЛОГИИ

Аннотация

В данной статье рассматривается использование онлайн-платформы Wordwall при преподавании зоологии, даются рекомендации по созданию заданий. Кроме того, освещаются преимущества и недостатки данной платформы.

Ключевые слова

Естественные науки, зоология, Wordwall, интерактивные игры

ZOOLOGIYA FANINI O`QITISHDA WORDWALL ONLAYN PLATFORMASIDAN FOYDALANISH

Annotatsiya

Ushbu maqolada zoologiya fanini o`qitishda wordwall onlayn platformasidan foydalanish, topshiriq yaratish bo`yicha ko`rsatmalar berilgan. Bundan tashqari ushbu platformaning afzalliklari hamda kamchiliklari ham yoritilgan.

Kalit so`zlar

Tabiiy fanlar, zoologiya, wordwall, interaktiv o`yinlar

Education is a fundamental pillar in shaping future generations with values, knowledge, and skills that are beneficial for society and the nation. In the era of digital technologies, education is undergoing a radical transformation, creating both opportunities and challenges for teachers to design more meaningful, engaging, and effective learning experiences (Nursella, 2024). The use of teaching aids in delivering learning materials enhances student motivation, promotes interactive learning, and ensures active exchange of ideas between teacher and student.

Wordwall is an online educational platform that helps teachers organize the learning process in an interactive and engaging way. It offers various tools to ensure active student participation and effective lesson delivery. This platform includes more than 30 types of activities, such as quizzes, matching, flashcards, input answers, spin the wheel, fill in the blanks, group sorting, and more. In addition, the Wordwall platform offers the following features:

1. Content creation using AI: Users can utilize the content generator powered by artificial intelligence to quickly create their own materials.

2. Community resources: There are over 25 million activities created by teachers, which can be played, shared, and edited instantly.

3. Printable materials: Any interactive activity can be printed for classroom use or assigned as homework.

4. Student assignments: Activities can be played together on a classroom screen, or students can play them on their own devices, with results being tracked.

5. Activity customization: Game rules can be easily modified, or the activity format can be completely changed with a single click.

Level of Engagement:

According to Pratiwi & Prastyo, there are three main aspects of using Wordwall as a teaching tool. The platform is easy to use across different devices, and its attractive design and variety of game options engage students and encourage their creativity. Interactive whiteboards (IWBs) are large touchscreens connected to computers. Visual content is displayed using a projector, and users can interact with the computer using pens, fingers, styluses, or similar tools (Belinda et al., 2023). Baharudin et al. emphasize that the use of Android applications and interactive whiteboards introduces a new dimension to teaching and learning methods.

This technology enables children to independently acquire knowledge while also helping them understand and organize new material.

Educational content related to the classification of living organisms teaches students how to group living beings based on their characteristics and similarities. This material introduces scientific methods for classifying both living and non-living things, identifying them by observable traits, and naming them accordingly (Hayati, 2022). In addition to the above, the connection between the physical classroom environment and students' learning processes is highly important, as the classroom acts as a mediator between the student and the educational process (González & León, 2022).

Wordwall is widely used in the education system to organize lessons effectively. Through interactive games and exercises, teachers can capture students' attention and make the learning process more engaging. To use this platform, you can visit the official website at <https://wordwall.net/uz>. By registering, you gain the ability to create your own activities and share them with others.

The sequence of using the Wordwall platform is as follows:

1.Registration and login Go to <https://wordwall.net/uz>.

Click on the “**Sign up**” button and create an account using your email and password. You can also log in using existing accounts (Google or Microsoft).

2.Creating a new activity

Click on “**Create Activity.**”

Select one of the many available activity types, for example:

- Quiz
- Match up
- Flashcards
- Fill in the blanks
- Spinner
- Labelled diagram
- Sorting
- Open answer, and others.

3.Customizing the activity

After selecting the type of activity, enter the questions and answers. For example, in a quiz, write the questions along with multiple answer options. If necessary, mark which answers are correct or incorrect. You can also add **text, images, or videos** to the activity.

4.Saving and testing the activity

Once the task is complete, click “**Save.**” Try the activity in test mode to make sure it functions correctly.

5. Sharing or using the activity in class

You can play the activity interactively in class (e.g., on a screen with students), or send a **link** to students so they can complete the task on their own devices. The results and responses are saved for the teacher to review and monitor.

6. Printing (optional)

Some activities can be downloaded as PDFs for printing. This is convenient for assigning homework or conducting paper-based tasks in class.

When using the Wordwall online platform, it is important to consider which activity type best suits the lesson goals and the students' proficiency level. Now, let's try creating a task using one of the activity types.

“Сопоставить” (in Russian) means “Match up”

In Wordwall, this activity type involves matching elements from two groups that correspond to each other.

Steps to create a “Match up” activity:

1. Create a new activity

On the Wordwall website, click the “**Create Activity**” button. From the list of activity types, select “**Match up**” (or “Сопоставить”).

2. Enter the elements

You can now begin adding paired items – such as a word and its definition, a question and its answer, or image-text combinations – depending on your topic.

You are provided with two columns: the first column contains a group of elements, and the second column includes the corresponding matching information.

For example, in the subject of zoology, let's take the subphylum **Tunicata** (Urochordata), which includes the classes **Ascidacea (ascidians)**, **Thaliacea (salps)**, and **Appendicularia**.

In this case, the **left column** would list the class names – *Ascidians*, *Salps*, *Appendicularians* – and the **right column** would include relevant characteristics. Each element must be correctly matched with its corresponding description. Images can be added to the elements if necessary. Also, make sure to **enable automatic answer checking**.

4. Save and Test the Activity

Click the “**Save**” button. Play the activity to ensure that all elements are correctly matched. You can use this activity in class or assign it as homework.

To use it during a lesson, you simply share the link with students.

Example Activity:

• **Right column (Terms):**

- Ascidians
- Salps
- Appendicularians

• **Left column (Matching descriptions):**

- Covered with a tunic-like outer layer
- Around 25 known species
- Hermaphroditic, reproduce only sexually

Students must correctly match:

- *Ascidians* → *Covered with a tunic-like outer layer*
- *Salps* → *Around 25 known species*
- *Appendicularians* → *Hermaphroditic, reproduce only sexually*

All your created activities will be saved in the “**My Activities**” section.

Advantages:

- Engages students through interactive and fun learning methods
- Enables the creation of various activity types
- Automatic grading and instant feedback
- Printable format for classroom or homework use
- Ability to share resources among teachers

Limitations:

- Requires a stable internet connection
- Not all features are available for free
- Limited by device and technological access (computer, tablet, smartphone)

Conclusion:

To conclude, the **Wordwall** online platform allows teachers to create various interactive activities and apply them in practice. It helps make the lesson more engaging, enhances students’ learning effectiveness, and simplifies the delivery of complex concepts.

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