

The Strategy for Changing Learning Methods Carried out By Elementary School Teachers Between The Pandemic and the New Normal

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Abstract

The study's goal is to discover how teaching methods have changed as a result of the epidemic and the new normal. Research shows that teachers' approaches during the pandemic and today's normal time share many commonalities, such as the Blended Learning method. While the main distinction is that during a pandemic, all learning is conducted online. In the new normal era, students have been using a split learning approach, in which they alternate between offline and online studying. The custom of paying house calls to college students is a thing of the past.

Keywords: New Normal, Learning Method, Pandemic Period

Introduction

Everyone, including the realm of education, has been affected by the Corona Virus Diseases-19 epidemic. Government is seeing a spike in the number of COVID-19 positive cases. Schools in the green and yellow zones are now authorized to conduct face-to-face instruction, but only after undergoing a series of precautions and following stringent health regulations. A newer analysis suggests infections in schools are increasing and forming their own clusters. Representative of the COVID-19 Task Force In order to find the new cluster, researchers used data from multiple regions, all of which had the ability to record instances and were concentrated in major metropolitan centers (Gong et al., 2020). Cluster records of villages, markets, places of worship, offices, and recently, schools can be found in some locations with greater recording and testing abilities. This year's Covid-19 has had a significant impact on a number of areas, including education. This year's Covid-19 has had a significant impact on a number of areas, including education. As a result of the Covid-19 epidemic, school-based teaching and learning activities have been shifted to home-based internet learning. Various programs, such as WhatsApp, Google Meet, Google Classroom, and Microsoft Teams, are used in online education. Learning is done online or via e-learning, allowing it to be done from the comfort of one's own home or from the comfort of one's own workplace (Piskurich, 2006). Using e-learning or learning at home is encouraged by Circular Letter No. 4 of 2020 from the Minister for Culture and Education on the Implementation of Education Policies in the Covid-19 Emergency Period.

In some locations, government laws on the use of remote education are not properly implemented. The green zone allows face-to-face meetings even if time is restricted and continues to prioritize health protocols in those areas included it. This is what principals and teachers in the green zone need to exhibit when it comes to implementing new methods of teaching and learning. Blended Learning-based learning is one of the school's breakthroughs. The term "Blended Learning" refers to instruction that incorporates both in-person and online components. Traditional classroom instruction is combined with online instruction in a form of learning known as Blended Learning. Learning that is both online and face-to-face is referred to as "Blended Learning," and it encompasses all of these methods (Watson, 2008). When it comes to blended learning, two methodologies are combined at the same time. It's a hybrid approach that makes use of both an online system and video conferencing to bring people

together virtually. Students and teachers can communicate with each other even though they are learning online. The contact between teachers and students is just as vital in a blended learning program. This is because the teacher and pupils are unable to meet face-to-face in the classroom because of the distance. When teaching online, a teacher should make the classroom feel more like a classroom.

Providing kids with opportunities to interact with their teacher on a regular basis can help them learn. It doesn't even rule out the idea of students in the class discussing the assignments given by the teacher. Students are required to be more active in Blended Learning. Blended Learning can help students develop a greater feeling of ownership over their education by involving them in every step of the process (Graham et al., 2013). In addition, the Blended Learning approach encourages students to compete in their education because of the high level of interactivity. Several studies have shown that the Blended Learning model has a favorable impact on learning, including the teaching and learning process, student motivation, and student outcomes. Furthermore, this style of learning is well-suited to the present and the future of the twenty-first century. As well as helping students study more effectively, Blended Learning-based learning helps students build better relationships in three learning environments: traditional classroom-based learning, blended and fully online.

Learning Strategies During a Pandemic

Blended Model with Parental Involvement

Integrate a variety of approaches to the creation of new educational materials. Among the difficulties that students encounter is the fact that most of them do not own a smartphone. Students connect to the internet via the mobile phones of their parents (Hartnell-Young & Heym, 2008). In the meanwhile, students can only use their cellphones at night because they are utilized for work during the day. On the site, he also requested parents to accompany their children while they opened the blog at night.

During the epidemic, students are less enthusiastic about learning, and some parents have a difficulty with distant learning. One of the reasons is that youngsters are more likely to disobey their parents. Because of this, pupils pay closer attention to what the teacher has to say; (2) Some children don't have technology; their parents carry technology to work; one phone is shared among siblings; and they run out of internet allowance.

Flipped and blended learning are two approaches employed. At night, I update the blog with new content. For the night of the study, my family is all at home, so I'm hoping they'll join me. As a result, when it's time for the child to bring their cellphone to school the next day, they'll already have their study materials.

Asynchronous Learning with Android-based Learning Media

Efforts have been made to use diverse learning media, as well as learning models, to help students learn. Students can access his own android-based learning resources at any time and from any location by using the devices they already have in their hands. When it comes to teaching and learning, the majority of the time it is done asynchronously. Following the COVID-19 pandemic, modifications were made to the way students were taught (Iglesias-Pradas et al., 2021). Incorporating a variety of teaching methods, such as SOLE, flipped classrooms, and Project-Based Learning, the teacher can create android-based learning media that can be used both on- and off-line. The Smart Apps Creator app can be used both on- and off-line, and the iSpring Suite 9 application can be used both online and off-line.

Asynchronous learning is still the norm, with students working at their own pace with custom apps (Hussin et al., 2009). Video tutorials are also available in the program to help students master new concepts and improve their scores. A green chemistry-based approach to chemical

practice is used to create learning media.. To conduct chemical experiments at home, students can follow the teacher's worksheets and use their own tools and materials to apply the notion of green chemistry.

Instagram is used by students to document their experiments and practicums. A student can post their practicum findings at their own convenience, as some students find it difficult to connect to the web. Photographs of tools and materials, descriptions of experiments, and the outcomes of those experiments comprise the reports. As an additional benefit, students who are more competent and reside in locations with excellent internet connectivity can create videos and then submit them to YouTube and share links with their lecturers. Students' scientific and digital literacy can be improved through the use of apps created with the iSpring Suite and Smart Apps Creator, as well as through the application of green chemistry practicum on real-world materials like Instagram.

With a gain score of 0.87, students' scientific literacy has met the most stringent criterion. In contrast, the literacy portion of the process has an average proportion of 76%. Students' use of Instagram in the classroom has gotten an impressive 81% positive response, according to a recent study. 86 percent of students rated their green chemistry practicum-based learning experience as excellent or excellent.

Learning by Utilizing Virtual Class

Students are reluctant to take online classes because they are at work, do not have a device, or are unable to utilize IT to study, among other reasons. More and more students aren't finished with their education as a result of this trend. Student engagement is dwindling due to a combination of laziness, lack of technology, and a general aversion to learning in an online environment. More and more students aren't finished with their education as a result of this trend. I have students rotate through a virtual classroom, the Home Learning Virtual Class.

Virtual face-to-face has taken its place this school year. It serves as a central location for students to access instructional materials and connects to face-to-face meetings. A virtual face-to-face meeting is held if there are students who are still struggling to learn. I ask the students to demonstrate their challenges in completing the assignments I present. Students' willingness to study and their ability to learn are greatly enhanced by using this strategy.

Learning That Is Centered on the Needs Of Students

The difficulty is that kids have varying levels of device ownership, and they want to go back to school as soon as possible. Pupils who don't have access to a gadget are taught by teachers who visit them, while students who do have access to the internet are taught online. Use of the Google Classroom platform is supplemented with material from my own blog.

So that students can learn meaningfully and achieve their educational goals by adopting numerous integrated online and online learning methods, such as Blended Learning. Blended Learning Flipped Classroom, etc. Google Class Room is the learning tool of choice. Digital and non-digital learning resources are used to deliver educational content. synchronous or asynchronous learning, tasks, and assessments are possible. Some teachers additionally use features, such as virtual interactive discussion programs like Padlet, Jamboard and Menti, Google Slides, virtual whiteboards, etc., to allow for two-way learning. Students can use this program to share their thoughts, ideas, and critiques with their teachers and peers, creating a form of classroom discussion place.

Adjusting the Student's Environment for Learning

Compared to other districts, this is a more serious issue. Lack of student interest in online education is the primary issue. The lack of gadgets and network connections is an additional factor in this scenario, of course. For those who have an internet connection, online classes are

available. Whatsapp is the most commonly utilized messaging app for synchronous online learning. While movies, powerpoints, and infographics are all forms of educational media,

Students who have access to the internet can participate in online education. Students who attend school in person as well as those who are enrolled in distance learning programs have access to my course materials and assignments since I post them to my blog or Google Classroom. During a pandemic, laptops should be used to access Android applications, such as Google docs, Google sheets, and Google Slides. Students join the WA Guru and GCR Guru groups in order to get access to the materials and homework that their teacher assigns to them on these platforms. Teachers and students can participate in virtual discussions, and students can present/demonstrate their work during their turn in person.

Even the teaching and learning process in schools has been affected by the Covid-19 pandemic. To make matters worse, a lack of flexibility will cause educational progress to stall. The post-pandemic age necessitates efforts and instructional initiatives. As a second phase of preparation, the government has vaccinated teachers and other members of the educational community. For the duration of the pandemic, the government is also setting up infrastructure including digitalization and telecommunications. Surveying students, conducting remediation, preparing for the Driving School program, and implementing UKS development initiatives to support healthy living habits in the new normal era are some of the other activities that will be undertaken.

The efforts and initiatives put forth will lead to behavioral changes once the pandemic has passed. The use of technology to support learning (management, assessment, and learning resources) takes on a comprehensive nature, much like the emergence of more hygienic and clean living habits. As a result, students develop technological proficiency skills like accuracy, thoroughness, discipline, and prudence. In addition, the government, parents, and community are anticipated to enhance their partnerships as a result of this initiative.

The COVID-19 epidemic has shifted the focus of education from classroom-based instruction to distance education. In a situation like this, educators need to be able to construct effective learning strategies so that students are able to comprehend the material given by educators. Currently, online learning has a negative psychological impact, such as making students sleepy, bored, and unable to comprehend what they're studying. The teaching and learning process relies on the use of learning methods. As a result, pupils will not be able to learn effectively from teachers who lack effective teaching and learning practices.

Effective Learning Strategies in the New Normal Era

As a result of the COVID-19 pandemic, educational institutions are scrambling to come up with new approaches to teaching and learning. Bridges between face-to-face learning and online learning need to be broken down through innovative teaching methods. In the new normal era, educators must be able to devise successful learning methodologies.

All activities involving teaching and learning take place at home and must be kept separate. Educators are expected to design and implement effective learning innovations like face-to-face learning as a result of these new directions. Educators in this new normal era might make use of the following teaching methods:

Studying In Small Groups

When students work in small groups, the goal is to give them more responsibility for their own education by minimizing the amount of time teachers spend interacting with them. Student groups will be formed in practice for teaching and learning purposes. To better understand these activities, it is helpful to think of them in three categories: (1) specific tasks; (2) student dynamics; and (3) the establishment of study groups, which are groups formed by educators.

Educators and students work together to help students reach their educational and career goals through a variety of methods, including the development of their skills, approaches, and materials.

These pupils receive individualized instruction in the form of one-on-one tutoring sessions. This model is a type of learning that allows teachers to focus on pupils in small groups, allowing them to focus on learning objectives more thoroughly. Because students must interact in person, health procedures must always be followed when teaching in small groups in the modern period. Only two or three students will be in this group. When using this technique, the instructor makes sure to cover all of the necessary content in a short period of time (one to two hours).

Learning at Home

Students' homes are visited by educators at predetermined times as part of the home visit learning strategy. It is advantageous for students to have the option of a home visit as part of their education. Educators and students alike will benefit from this activity in the new normal period, since they will be able to see and learn from pupils directly. It is becoming increasingly necessary to conduct home visits in order to learn more about the issues pupils are having in the classroom. Since students' levels and psychological states might have an impact on their motivation, this home visit is framed in accordance with how their attitudes and learning processes are developing. Students' chances of academic achievement can be improved when teachers come to them in person to teach. Educators and parents are in constant contact and work together to identify the difficulties that pupils are encountering. Students are expected to become more engaged and motivated as a result of the personal attention they will receive from educators and their families during the home visit.

Learning Through Doing

It is possible to lessen the responsibilities of students in the learning process through teacher-centered learning. A student's creativity can be stifled by the learning process. Because information is presented in a single direction, this might lead to a feeling of exhaustion and a lack of interest. A project-based learning strategy can be an alternative in the current normal. Students are tasked with creating a project that relates to the various courses they are studying. This style of learning is not limited to a single subject, but may be used to a wide range of disciplines. In this learning model, students have the opportunity to: (1) build a procedure for determining a project outcome; (2) teach students to manage project information; (3) create a product and deliver it. Teachers can work in groups to serve as mentors to students using this approach.

e-Education

Educators and students alike can take advantage of this technology to run telecoms equipment from their own homes. The online learning process can be carried out using this approach. In order to raise educational standards, online learning (also known as e-learning) is currently required. Learning in a wide range has three main criteria: (1) the ability to update, store, convey, and share material or information; (2) delivery via the network to the user by using a computer or telecommunications equipment quickly; and (3) the urgency of information technology can be optimized for education.

Online virtual meeting programs such as zoom, google meet, WA groups, and others can be used to integrate online learning in a way that is secure for instructors and students while yet accomplishing learning objectives. As a result, the teaching and learning process can be hindered if the telecommunications service provider network is slow or down.

Teaching and Learning Through a Combination of Traditional and Alternative Methods

The traditional classroom setting can now be replicated online thanks to recent technological advancements. Blended learning is a combination of online and face-to-face methodologies. Flexibility is the key to this activity, as it may be performed at any time and from any location. Face-to-face and online learning can be seamlessly combined in a blended learning environment.

The phrase "Blended Learning" derives its meaning from the combination of the words "blended" and "learning." The term "blended learning" can be used to describe a method that incorporates elements from several different types of educational approaches. Even when students and teachers aren't physically present at the same time, blended learning still allows them to communicate virtually, ask questions, and receive answers in real time.

Direct or face-to-face learning, such as Live Events, is one of five cornerstones to integrating blended learning. Educators and students communicate with each other directly online. Zoom and Google meet can be used to do activities. A blend of self-paced and self-directed learning. These materials can be text-based or multimedia-based, including movies, animations, simulations or photos and audio; or they can be a combination of all of them. These resources can be made available in a variety of formats, including streaming video, streaming audio, and electronic books, as well as on CDs and in printed form. Students and educators working together who can move across different campuses or schools is an example of collaboration. Educators can use online modes of communication, such as chatrooms, forums and discussions, virtual meetings, email, and mobile phones, to collaborate with colleagues, students, and each other. In-depth study, problem-solving, and project-based learning are all possible outcomes. Educators must be able to use a variety of assessment methods, including traditional examinations as well as alternative evaluations like portfolios or interviews. Student results can be accessed both online and off-line through these activities, which are conducted both online and offline. It is necessary for educators to develop performance support materials if they wish to integrate face-to-face and online teaching methods. Students can access online teaching materials, attendance records, and assignments through a Learning/Content Management System (LMS). Additionally, it is important to ensure that this system application is properly deployed in order to ensure that learning objectives are met in a timely fashion.

Conclusion

Learning strategies during a pandemic: Integrate a variety of approaches to the creation of new educational materials. Following the COVID-19 pandemic, modifications were made to the way students were taught. Students can access his own android-based learning resources at any time and from any location. Instagram is used by students to document their experiments and practicums. 86 percent of students rated their green chemistry practicum-based learning experience as excellent or excellent. Educators are expected to design and implement effective learning innovations like face-to-face learning (Peterson & Bond, 2004). The government, parents, and community are anticipated to enhance their partnerships as a result of this initiative. Teachers and students work together to help students reach their educational and career goals. It is possible to lessen the responsibilities of students in the learning process through teacher-centered learning. Students' chances of academic achievement can be improved when teachers come to them in person to teach. A project-based learning strategy can be an alternative in the current normal (Safaruddin et al., 2020). In order to raise educational standards, online learning (also known as e-learning) is currently required. Blended learning is a combination of online and face-to-face methodologies (Boelens et al., 2015). A blend of self-paced and self-directed learning. In-depth study, problem-solving, and project-based learning are all possible outcomes. Educators must be able to use a variety of assessment methods, including traditional examinations as well as alternative evaluations like portfolios or interviews.

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