

## **INNOVATIVE USE OF QR CODES AS A MODE OF HYBRID LEARNING TO FOSTER TIME MANAGEMENT IN SECONDARY SCHOOL STUDENTS**

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### **Abstract**

*This essay outlines the traits of Gen Alpha and claims that this generation finds the typical assessment pattern to be boring and uninteresting. The use of QR codes in assessments is thought to be an entertaining and creative method that appeals to Secondary school students as well as Gen Alpha. In contrast to traditional evaluation methods, QR code scanning assessment is a useful tool for hybrid teaching.*

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### **INTRODUCTION**

It is true that Generation Alpha has displaced Generation Z. This generation has grown up in a world where knowledge is readily available online. This characterises their demeanor and method of social engagement. Innovative and modern technology appears to dictate the pace of human existence and shape human personalities. Unlike earlier generations, members of Generation Alpha are less reliant on physical interaction with their peers. The use of smartphones and tablets has been commonplace for this generation. Example: The popularity of virtual assistants like Siri and Alexa.

The Alpha generation is considerably different even though it has some characteristics in common with earlier generations, particularly with generation Z. Some of its traits are listed below:

1. Alpha children are drawn to cutting-edge technology and over time adopt it as their way of life.
2. They can make judgements and manage their own affairs independently.
3. Images. They will favour video over other formats. Additionally, playing video games will enhance their visual abilities, enhancing their hand-eye coordination and capacity to quickly switch jobs.
4. Because they are always linked, they master the usage of new technologies, which facilitates their digital learning and offers a variety of opportunities.

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The use of technology by alpha children must be positive, and they must make the connection between what they are learning and the actual world. The Alpha generation is used to customization, therefore a one-size-fits-all education will not work for them.

The problem that educators today confront is adjusting both the educational system and how they connect and communicate with Alphas. For Generation Alpha, the conventional assessment approach might not be effective.

It is felt that improvements in education are needed at both the content level and the level of digitalization, virtualization, and gamification of instruction. The IT industry has to connect with educational experts in order to develop a common language and include it into curriculum elements. The finest methodology for students is the hybrid teaching process, a complete method for combining the best aspects of in-person and online learning to create the ideal learning environment. For the best teaching method, hybrid learning combines conventional classroom settings, experimental and observational learning objectives, and online courses. Students can essentially take classes both online and in person thanks to the concept of hybrid teaching, in hybrid learning, students have the opportunity to choose their method.

While face-to-face instruction will likely continue to play a significant role in education for the foreseeable future, we now recognise the necessity of opening up a number of channels to address both severe situations, such as a worldwide calamity, and the daily disruptions of successful education. In addition to making education more accessible for people with disabilities, hybrid teaching also enables educators to reach out to far-flung communities, keeps students in touch during extended absences, and familiarises both teachers and students with cutting-edge communication technologies.

Teachers can provide educational information more easily and support students' active learning by using QR codes. This would facilitate online tests and quizzes, making them exciting for students and assisting both teachers and students in time management. The teacher can easily administer online tests, quizzes, surveys, and evaluations of student performance thanks to the google form QR code. This makes it easier for teachers to update and customise their questions, record student responses, and give them to students whether they are in a traditional classroom setting or at home. Students can use QR codes to get instant feedback on their homework or

tests. Students can scan a QR code that has the proper responses included in it to compare their answers.

Harold John D. Culla said in a plenary lecture at the 2016 DigitalE4Education Show Asia that Generation Alpha should be taught to be independent and make their own decisions. In a February 2016 article titled "When Students Create Their Own Curriculum: The Big Picture Learning Model," it is encouraged that pedagogy be changed so that students can be exposed to real-world situations and learn time management skills.

Thus, the purpose of the current study was to learn what parents, instructors, and students thought about the value of using QR codes to evaluate secondary school pupils.

With the expansion of technology-enabled learning, hybrid learning is quickly becoming indispensable. We must look into every option to make the teaching and learning process engaging and creative. This makes study in this area necessary.

## **METHODOLOGY**

The purpose of this study is to learn how parents, teachers, and students feel about using QR codes for evaluation among secondary school students.

**Sampling:** Random sample method was adopted to find out the perceptions.

**Sample:** 100 participants participated in the survey. 50 teachers teaching at school level, 50 parents whose wards are in school and 50 students studying in Maharashtra State board secondary schools participated in the study.

**Sampling tool:** The sampling tool comprised of a self-constructed 4-point rating scale to capture the desirability of QR code in assessing secondary school students. The tool comprised of background information of the participants, specific statements related to desirability of mode of education rated on a 4-point Likert scale was prepared by the researcher and the guide. The 10 questions were constructed on a 4 - point rating scale. These questions were close ended questions.

*Example:*

1. Students prefer an innovative technology based mode of assessment eg: QR code  
71.9% Stakeholders agreed, 17.8% Stakeholders strongly agreed to this statement.
2. QR Code Mode of assessment helps in saving time.

69.9% Stakeholders agreed & 13.7% Stakeholders strongly agreed.

3. The interest level in students is high when QR Code mode of assessment is used.

70.1% Stakeholders agreed & 14.3% Stakeholders strongly agreed.

4. Generation Alpha kids are attracted to new and innovative technology since birth.

76% Stakeholders agreed & 18.5% Stakeholders strongly agreed.

5. QR Code mode of assessment used in the Hybrid teaching learning is the ideal mode of teaching.

77.6% Stakeholders agreed & 12% Stakeholders strongly agreed.

6. Teachers find it convenient to administer QR Code mode of assessment to students in the comfort of their homes too.

80.3% Stakeholders agreed & 10% Stakeholders strongly agreed.

## **RESULTS AND DISCUSSION**

Based on a study of the data, the following conclusions can be drawn. 90% of them favoured using a cutting-edge technology-based assessment method. The QR Code Mode of Assessment was deemed to be time-saving by 83% of stakeholders. In other words, the QR code assessment method aids in time management. When using the QR code technique of evaluation, 84.4% of stakeholders believed that the interest level of the kids is high. & In accordance with 89.6% of stakeholders, the use of QR Codes for assessment in hybrid teaching and learning appears to be the best possible method of instruction. 90.3% of teachers said that they thought it was convenient to give students their assessments via QR codes when they were at home. The best approach to teaching in the future will be through a hybrid model. The results of this study call for further study in this area.

## **CONCLUSION**

The study "Innovative use of QR codes as a mode of Hybrid Learning to foster time management in secondary school students" comes to a satisfying conclusion trying to highlight the fact that time management skills will undoubtedly benefit from usage of modern technologies integrated into the hybrid to help secondary school students develop time management skills. This paper tries to highlight how the novel technology integrated into the hybrid style of instruction will undoubtedly aid in time management and appears to be the direction of education in the future. Despite certain shortcomings, the hybrid teaching and

learning approach appears to be an ideal way for pupils to learn. Technology used in conjunction with face-to-face instruction and experiential learning activities appears to be the way ahead for the future of teaching and learning processes. On the basis of this hybrid strategy, academicians and teachers must come up with novel techniques and teaching strategies, such as the QR Code method. This will enable us to create a solid, skill-based student community.

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