

# ELEVATING EDUCATIONAL ELEMENTS FOR GEN Z STUDENTS

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## **Abstract**

*The development of the "knowledge society" reflects a social transformation in which citizens need not only knowledge but also new skills and competencies, some unpredictable, to face new Challenges. Education and the future are inseparably reticulated. It could only be planned educational content by indicating future education. Considerations of new knowledge and appropriate skills for the next generation's understanding of future education are determined. Learning and expertise can help to inspire the potential future of humanity and the planet. As well as these two are considered for sustainable development. Learning in new ways and acquiring knowledge of innovative trends ensure the sustainable development of future education. This paper discusses the students of Generation Z relationships and preferences regarding educational technologies and their characteristics. This paper elevates elements of education and teaching strategies. Then stress the teacher's role and highlight educational Impacts on Gen Z Students.*

**Keywords:** *Sustainable Development, education, Right to Education, Generation Z students, Tech Savvy, Multi-Tasking, Learning Activities, Teaching Strategies, Impacts*

## **Introduction**

Learning to become an initiative to rethink education and reimagine how knowledge and learning can shape humanity's and the planet's future.

Learning in new ways and acquiring knowledge in innovative trends ensure the sustainable development of future education – UNESCO (2019).

Generation X Students (born between 1965's and 1980s) are unaware of the importance of Education. So in those days, the teacher's role was to impart knowledge about the importance of education. Later in Generation Y (born between 1981 and 1995), the role of a teacher is to define and explain the concepts to the students with the real-time application area. Now the teachers are dealing with Generation Z (born between 1995 and 2012) students. Compared to the previous generation, the student's Intelligence Quotient varies in different generations. So today, the objectives of education transferred with cost-effectiveness to global economic competitiveness. While economic well-being remains a vital education output for countries, communities, families, and individuals, the center of attention seems to focus on economic competitiveness, global citizenship, social justice, and sustainability. This transformation focuses on three priorities. They are:

1. Putting every child into school and must have equal access to education.
2. Improving the quality of learning with a knowledge-based society.
3. Fostering global citizenship in peaceful and tolerant societies.

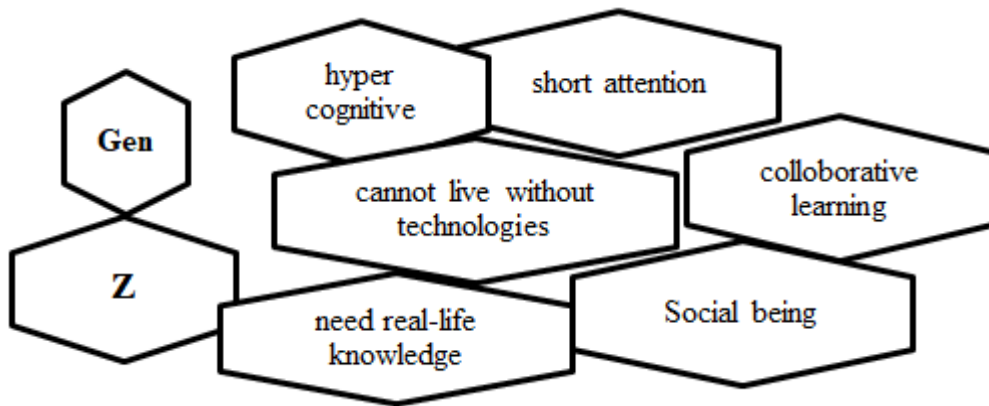
### **Sustainable Development for Gen Z Education**

Globalization and digitalization connect the world to education policies that are considered sustainable development. Because of this situation, sustainable development demands the following for future education:

- Young generations need new perspectives to understand the digital world they live in, and they need the practice to participate in this world
- Need for education that goes beyond teaching knowledge and skills
- Need awareness on reducing poverty, protecting the environment, and creating inclusive Society
- Create mass awareness of public health

### **Nature of Generation Z Student**

Students of Generation Z are authentic digital natives who are a hyper-cognitive generation with different student profiles than before. They are creating pressures for change. Generation Z students, who possess a highly Intelligent Quotient, are highly exposed to various learning resources. They are experiencing engineering automation in all sectors. Generation Z Students have a number of resources to understand scientific facts. They are accessible to the globe with the easy availability of technology devices such as mobile Phones, Palmtops, tablets, and Personal computers to access resources by using the Internet. They have the privilege to access the globe at any time and at any location. Now the students can take up innovative ideas by performing cross-skilling, up skilling, re skilling, and expert Skilling from various resources; the students possess the attitude to collaborate with their friends from various disciplines to do some innovations. So generation z students do not require a typical teacher rather, they expect the student to mentor them with various new resources to which they were not exposed. They need someone who can felicitate them with needed guidance. Today Generation Z needs the faculty to have an intense debate with them to felicitate them to think creatively to solve problems, and they need the faculty should be more friendly, supportive, and dynamic which may influence them, they do not require a teacher-centric person, who commands them to get the work done. So they expect very supportive teachers. Only the teachers who influence the students have the competence to make the students continuously learn and keep them updated in their knowledge.



**Fig 1 Characteristics Gen Z Students**

Barcelon (2010) identifies that generations Y and Z have matured in the computer age. Both have taken advantage of the opportunities presented by the rise in technology, which has helped them learn and grow in many ways. As a result, the following details of Generation Z's traits are found:

Gen Z's are tech-savvy because they have always lived with personal computers, cell phones, game consoles, MP3 players etc. They are "digital natives," easily using computer programs, e-mail, and texting. They can also pick up and master technological breakthroughs faster than prior generations. However, technology is also partly to blame for this generation's lack of interest in outdoor recreation, resulting in a sedentary lifestyle that may promote obesity.

### **Role of Gen Z Teacher**

Generation Z is digital, and we have access to it as educators. Therefore let us improve our knowledge of the various tools, software, and programs used in our classrooms. Teachers must create activities connected to the course.

- Allow students can use their cell phones to access their class textbooks or manuals online.
- Create a blog where they can read articles related to class discussions, post comments, and practice reading and writing.
- Allow students to use social media with our control. For example, listening to live conferences on Facebook. After listening to the conference, ask them to write a summary and will give their opinion on the topic. This activity will give the students insight into life and work skills and enjoyable learning.

YouTube is another application that helps our students learn and can significantly help students and teachers. Using technology is one of many strategies we should rethink. Teachers should also search for other ways of assessment and tools for how we present

material to students of Generation Z. The following are some ideas we can start using right away:

1. **Short online quizzes:** Generation Z students prefer to answer short, online exams. In our classes, teachers upload quizzes, and students answer these short quizzes in the classroom. —they use their cell phones to do this under the teacher's control.
2. **Teams/small groups:** Generation Z prefers to work in small groups. When they work in small groups, they can foster more creativity. For example, in a writing course, students must write excellent narrative paragraphs using themselves as characters in a story. During the process, the teacher can see how much they enjoy this exercise by their enthusiasm as they share their final product with their classmates.
3. **Active learning activities:** Research has identified that Generation Z has a short attention span. One approach we use is writing a summary in teams or individually. This exercise assists in determining what needs to be evaluated. Also, "One Minute Papers" are very effective for this purpose.
4. **Games:** Games are very effective in reviewing material and allow students to share knowledge. Students can become very active and put forth much concentration on the game. Generation Z students are virtual gamers, and they love game challenges.
5. **Caring and feedback:** This is the most critical strategy. When we care about what is happening to our students and their needs, students become more engaged in the classroom. Caring about their progress gives them constant and positive feedback. Although we may correct their papers, we give them feedback on how they can improve and motivate them by encouraging them. Positive words change people, and we must do this with our students.

### Teaching Strategies for Gen Z

- Think Digital in all assignments, assessments, activities
- Break content into short segments
- Make information graphical and bite-size
- Review the communication strategy
- Be pertinent. Consider adaptive learning when providing personalized teaching for Gen Z students.
- Use social media learning strategies.
- Educate students about careers.
- Access resources that can use to pay off student loans
- Recognize that this generation views itself as intelligent, inventive, and hardworking.
- Guide in their higher education endeavors.

## Educational Impacts on Gen Z Students

As technology brings many changes to today's learners, it will affect the formation of students' learning styles. The subject instructors ought to know the following aspects of Generation Z students' learning styles to properly instruct them.

- 1. Learn from Experimentation:** Generation Z students are willing to learn by doing rather than being told what to do or reading static books. They seek information by using a variety of information technology devices & browse the Internet. They enjoy tinkering with modern electrical devices like cell phones, iPods, and MP3 players. The fact that these students may interact with and play with the technology appeals to them. They enjoy using the Internet to create photo albums, gain new skills for blogging, meet new people, and learn new things. They enjoy learning through self-discovery and learning new tools.
- 2. Prefer visual learning:** Because of the prevalence of technology, the Net generations are exposed to interactive video games and movies every day, whether at home or school, because they live in such a multimedia environment.
- 3. Like working in teams:** The Net Generation enjoys teamwork. They easily to use collaborative tools like Google Apps. They are more likely to prefer learning in a supportive environment with teamwork. The Zen X generation prefers to work on projects online with instructors and peers rather than being active as an individual. Moreover, here, those who learn fast will help the slow ones, and they learn by building on one another's knowledge. This learning characteristic is consistent with ZPG (Zone of Proximal Growth) theory proposed by Vygotsky (learning in collaboration with more capable peers).
- 4. Be able to multitask well and have short attention spans:** The Net Generation's attention span appears to have been shortened by the environment rich in media to which it has grown accustomed. Here children can switch their attention quickly from one work to another; they will likely enjoy the activities better if they can complete multiple tasks simultaneously.
- 5. Edutainment:** "Edutainment" ("education" and "entertainment.") refers to entertaining education or educational entertainment. By incorporating lessons into well-known forms of entertainment, such as television shows, computers, video games, movies, music, websites, multimedia software, etc., edutainment often aims to educate or socialize its audience.

## Conclusion

This paper clears that the teacher needs to implement new and emerging strategies to keep pace with the needs of the techno-hungry and techno-savvy Millennial and Generation-Z students. Although teachers have been attempting to incorporate technology

in the classroom, success and effectiveness require planning and assistance. Teachers should reconsider what they are doing in their classrooms to understand the distinctive traits of Generation Z. Instructors must be aware of their pupils' learning needs. Even though engaging one-on-one with every student might not be possible, teachers can try to comprehend their learning demands and incorporate fresh approaches.

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### **Web Resources**

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2. <https://www.klassroom.com/blogs/teacher-resources/gen-z-teachers-in-the-classroom>
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4. <https://www.linkedin.com/pulse/teachers-role-influence-generation-z-students-b-p-ph-d->