

# KAZAKH NATIONAL WOMEN'S TEACHER TRAINING UNIVERSITY

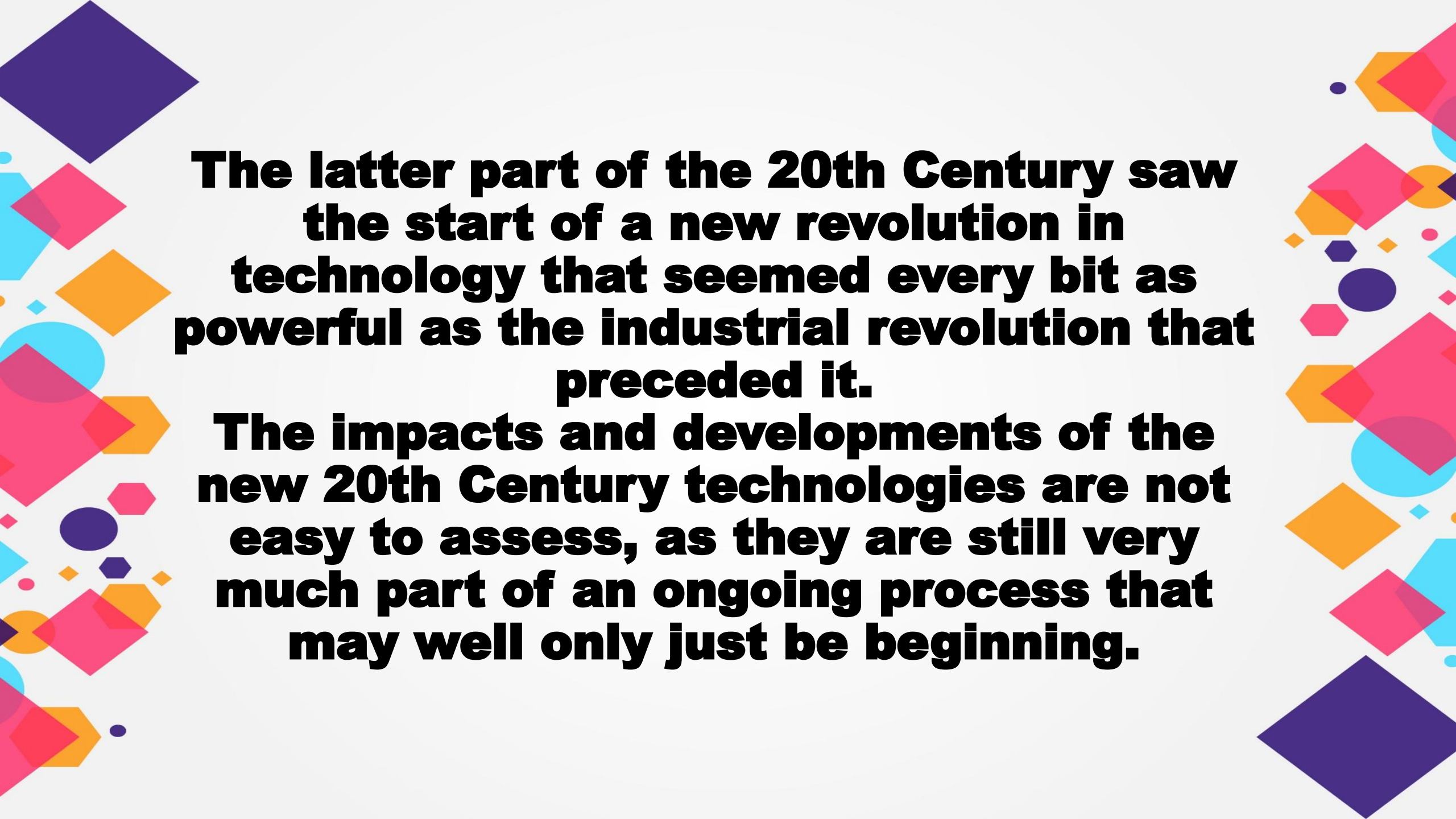




# **ADVANTAGES AND DISADVANTAGES OF NEW TECHNOLOGIES IN EDUCATION**

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**The latter part of the 20th Century saw the start of a new revolution in technology that seemed every bit as powerful as the industrial revolution that preceded it.**

**The impacts and developments of the new 20th Century technologies are not easy to assess, as they are still very much part of an ongoing process that may well only just be beginning.**



The new technologies that have caused such upheaval are inter-related and overlap to some degree. They include:



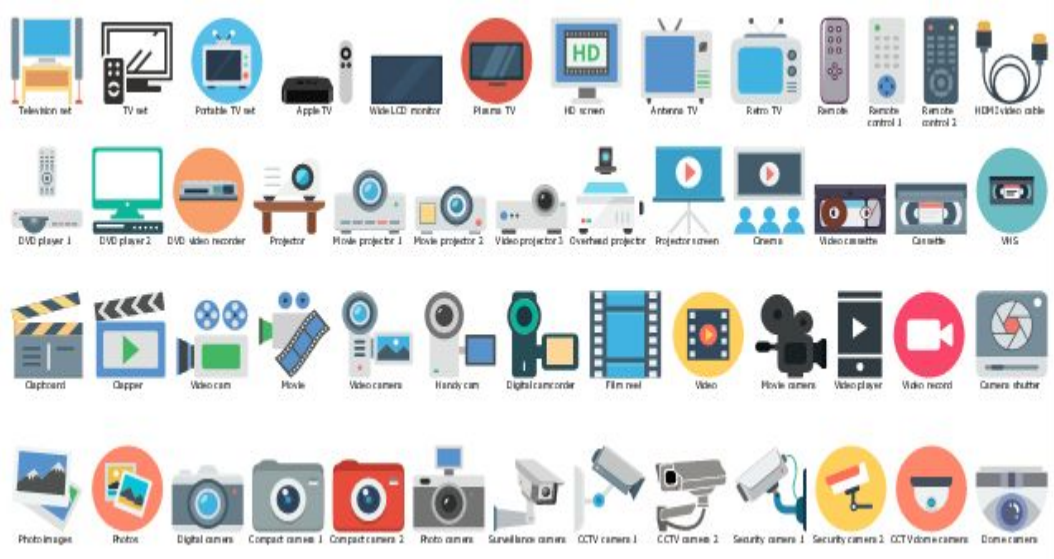
**Computers.** They began to gain a foothold back in the 1980s and are now found in almost every aspect of modern life, in one form or another.

**New communication technologies.** 3G, the internet, mobile phones, and wifi technology have all contributed to a world where people and information can be accessed from virtually anywhere.

**Digitally formats.** The digital format for storing information has revolutionized how all sorts of information, from photos, to documents, to music, to videos are stored and transmitted.

**Multifunctional devices.** Modern devices can often now perform multiple tasks, which would have been performed by many different devices previously. For instance, we now have single mobile devices that are a telephone, internet browser, camera, video player, webcam, music player, etc. all in one.

**New military weapons.** Pilotless drone aircraft, for example, are becoming increasingly uncommon, as technology advances, but they are proving to be very controversial.

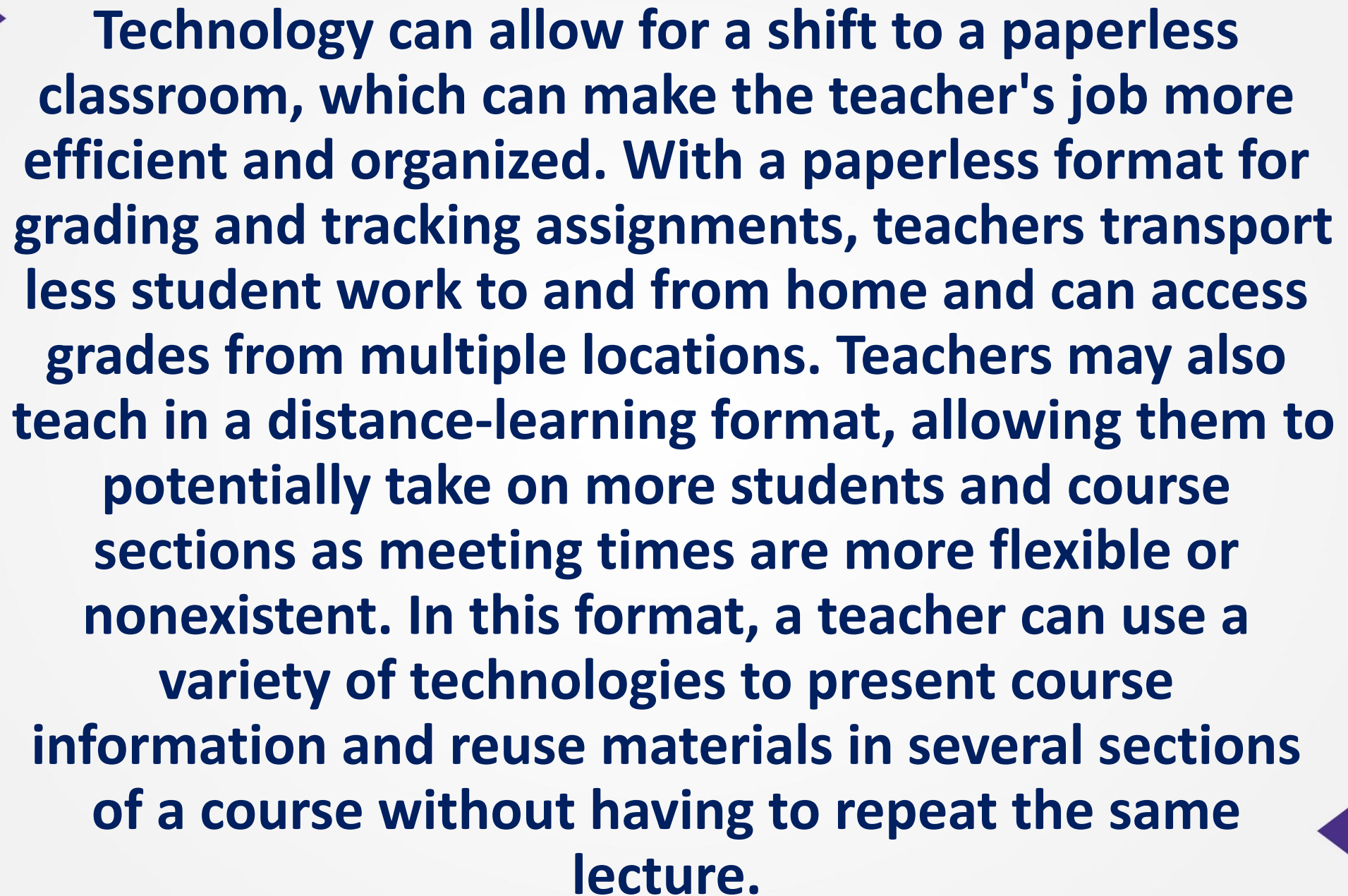


# Innovative teaching, multimedia in education

Using multimedia in education people remember:

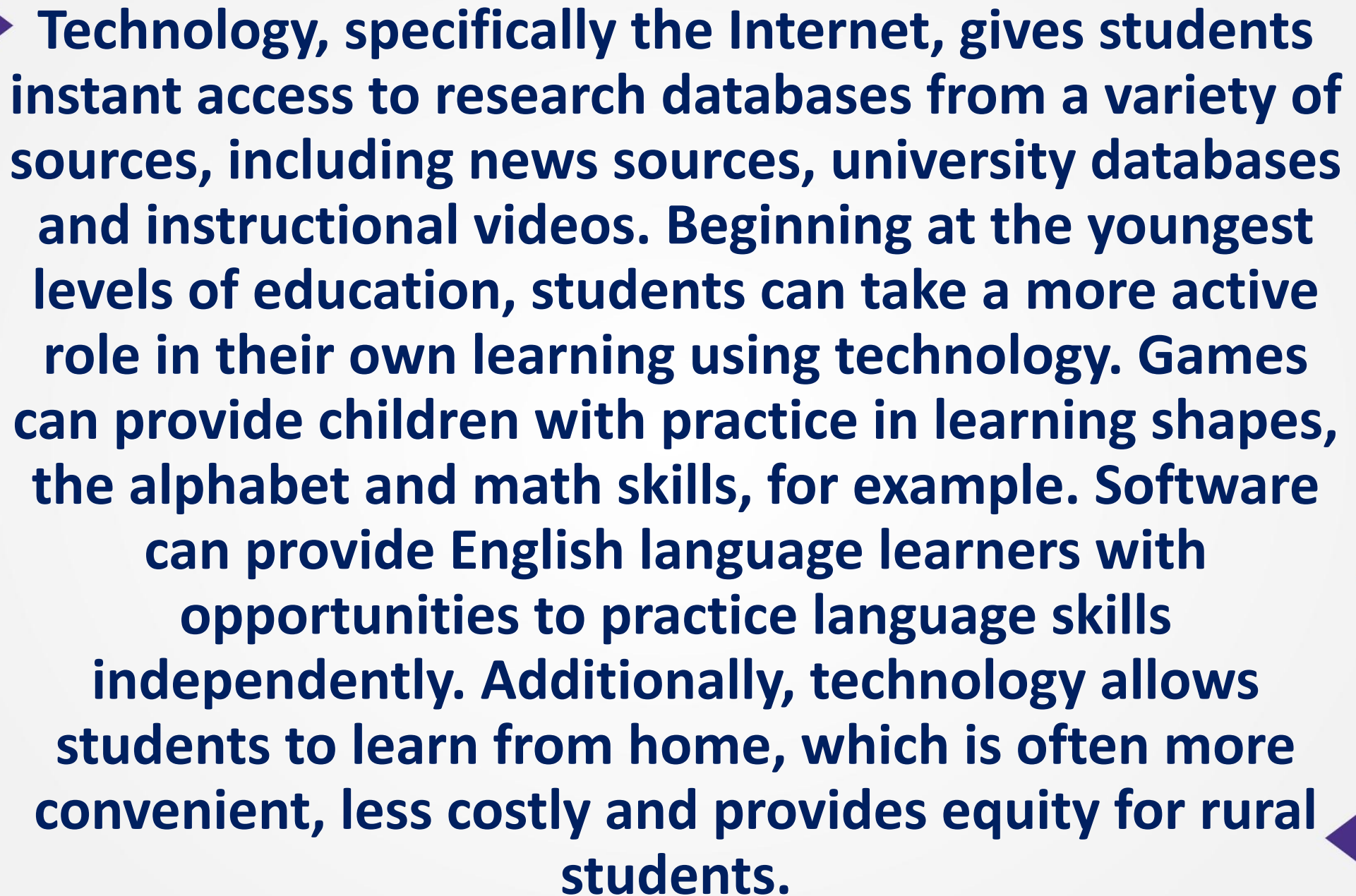
- ❖ 20% of what they see
- ❖ 40% of what they see and hear
- ❖ but about 75% of what they see and hear and do simultaneously.

It means, by using multimedia tools we can create a learning environment.

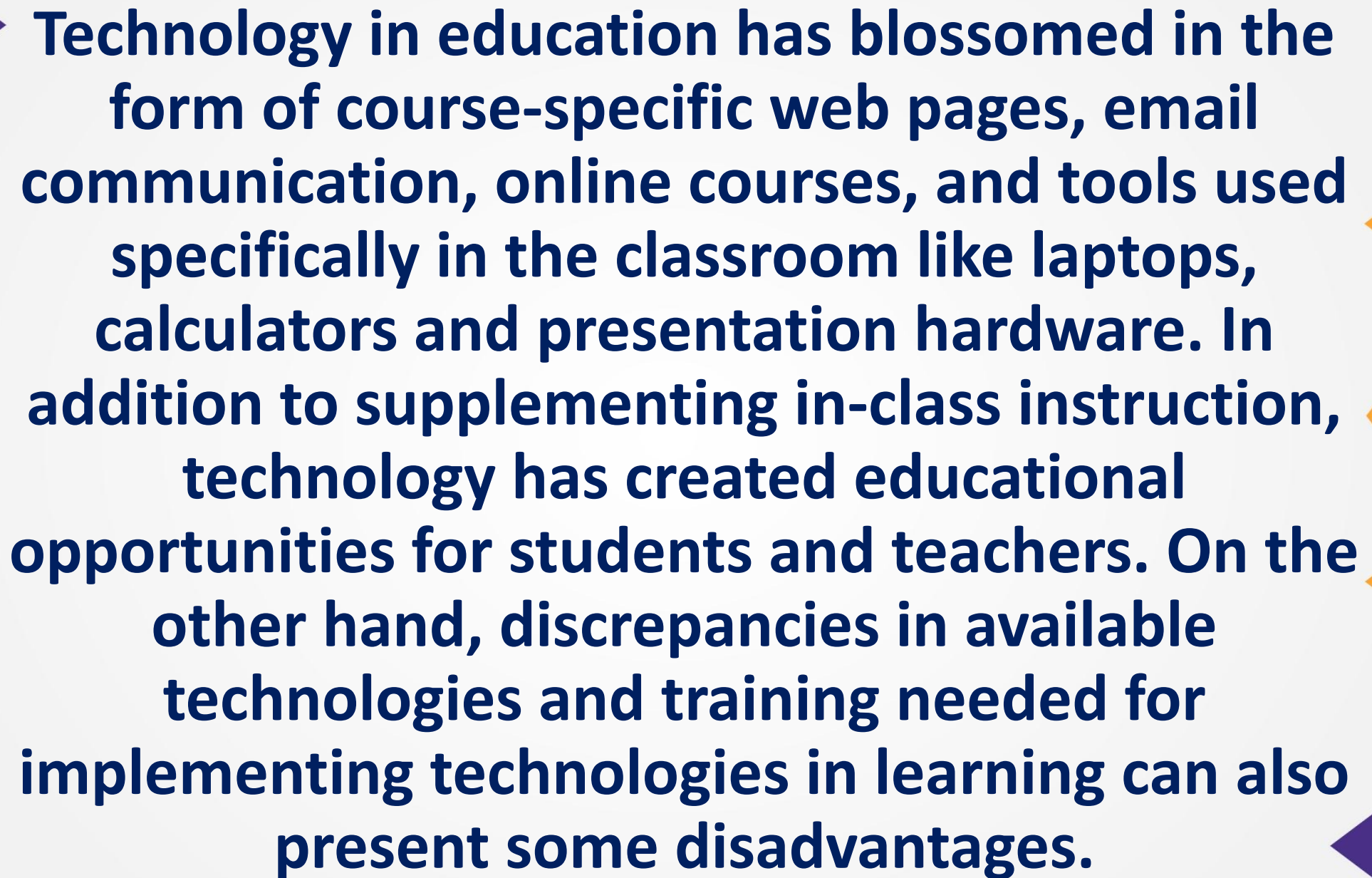


**Technology can allow for a shift to a paperless classroom, which can make the teacher's job more efficient and organized. With a paperless format for grading and tracking assignments, teachers transport less student work to and from home and can access grades from multiple locations. Teachers may also teach in a distance-learning format, allowing them to potentially take on more students and course sections as meeting times are more flexible or nonexistent. In this format, a teacher can use a variety of technologies to present course information and reuse materials in several sections of a course without having to repeat the same lecture.**



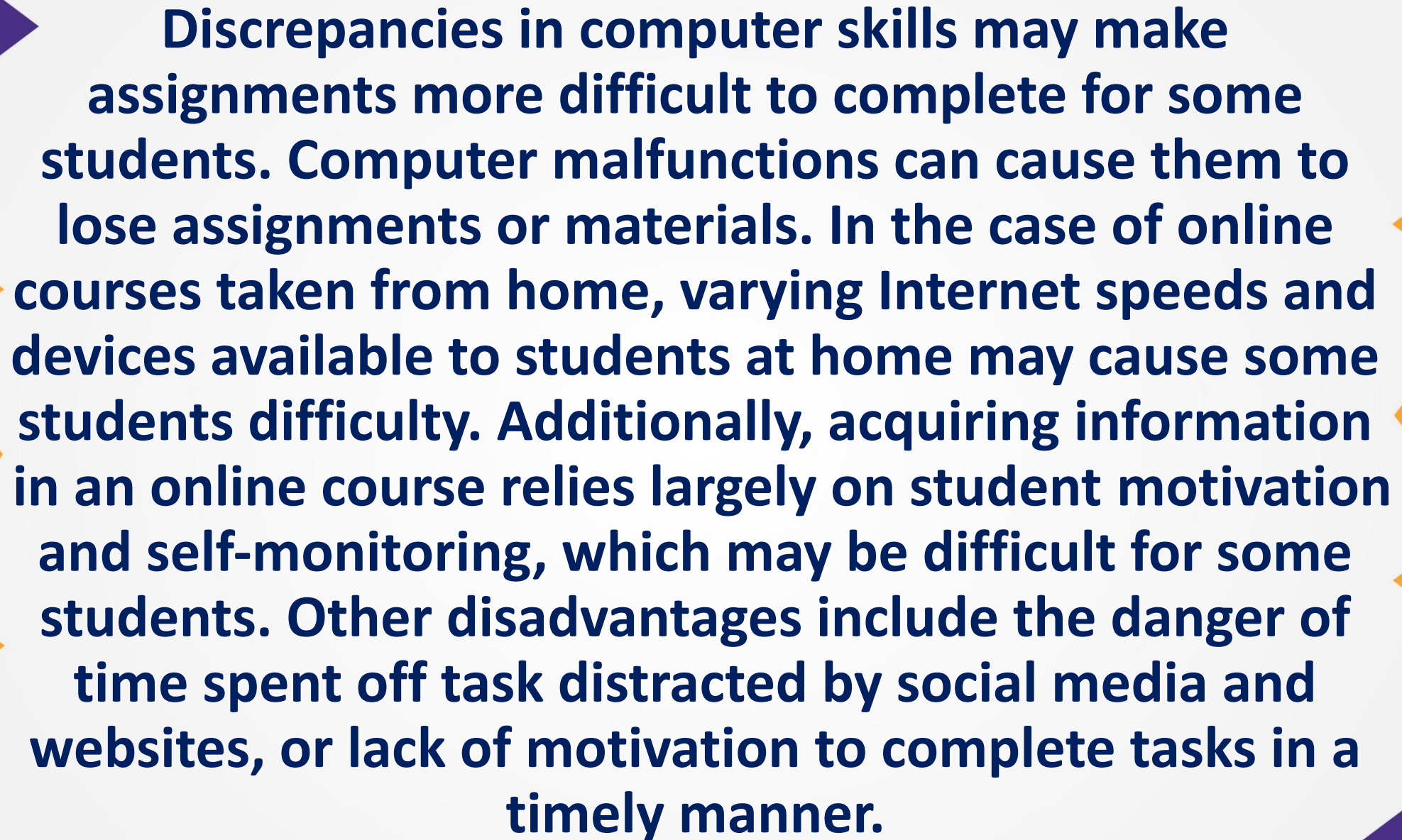


**Technology, specifically the Internet, gives students instant access to research databases from a variety of sources, including news sources, university databases and instructional videos. Beginning at the youngest levels of education, students can take a more active role in their own learning using technology. Games can provide children with practice in learning shapes, the alphabet and math skills, for example. Software can provide English language learners with opportunities to practice language skills independently. Additionally, technology allows students to learn from home, which is often more convenient, less costly and provides equity for rural students.**



**Technology in education has blossomed in the form of course-specific web pages, email communication, online courses, and tools used specifically in the classroom like laptops, calculators and presentation hardware. In addition to supplementing in-class instruction, technology has created educational opportunities for students and teachers. On the other hand, discrepancies in available technologies and training needed for implementing technologies in learning can also present some disadvantages.**





**Discrepancies in computer skills may make assignments more difficult to complete for some students. Computer malfunctions can cause them to lose assignments or materials. In the case of online courses taken from home, varying Internet speeds and devices available to students at home may cause some students difficulty. Additionally, acquiring information in an online course relies largely on student motivation and self-monitoring, which may be difficult for some students. Other disadvantages include the danger of time spent off task distracted by social media and websites, or lack of motivation to complete tasks in a timely manner.**

# ADVANTAGE OF NEW TECHNOLOGIES IN EDUCATION



- 1 It provides credibility for the teacher.
- 2 It provides access to numerous resources instantly.
- 3 It automates the boring stuff.
- 4 It creates a collaborative learning approach.
- 5 It is an easy way to learn core vocational skills.
- 6 It allows the classroom to reflect modern times.
- 7 It allows students to work at their own comfortable pace.
- 8 It provides an opportunity to learn different ways.
- 9 It can boost learning motivation.
- 10 It is more affordable to do than many people may realize.
- 11 It can put all the needed data into one location.



# DISADVANTAGE OF NEW TECHNOLOGIES IN EDUCATION

1

**It can be distracting to students.**

2

**It can disconnect students from face-to-face relationships.**

3

**It can make it easier to cheat.**

4

**It could put some students at a disadvantage.**

5

**It could cause students to use unreliable resources for learning.**

6

**It can make curriculum planning more difficult or expensive.**

7

**It can replace the teacher. It is often limited.**

8

**It can create issues of privacy. It can create a dependence.**

9

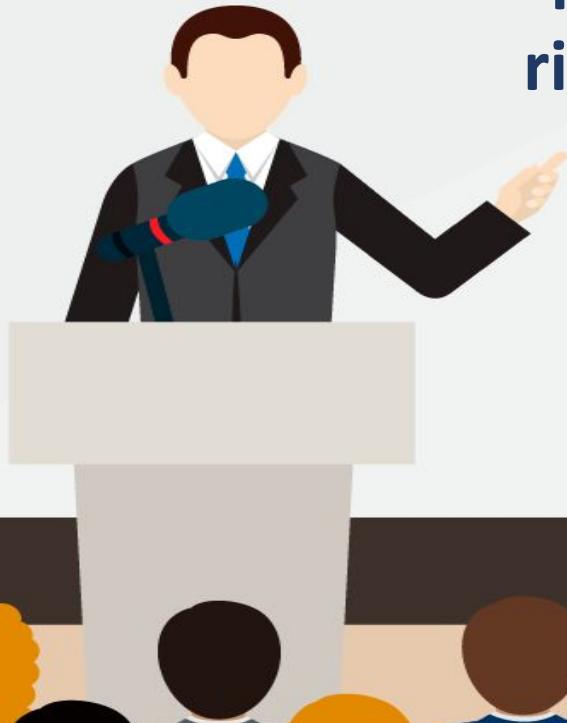
**It could create medical issues for some students.**

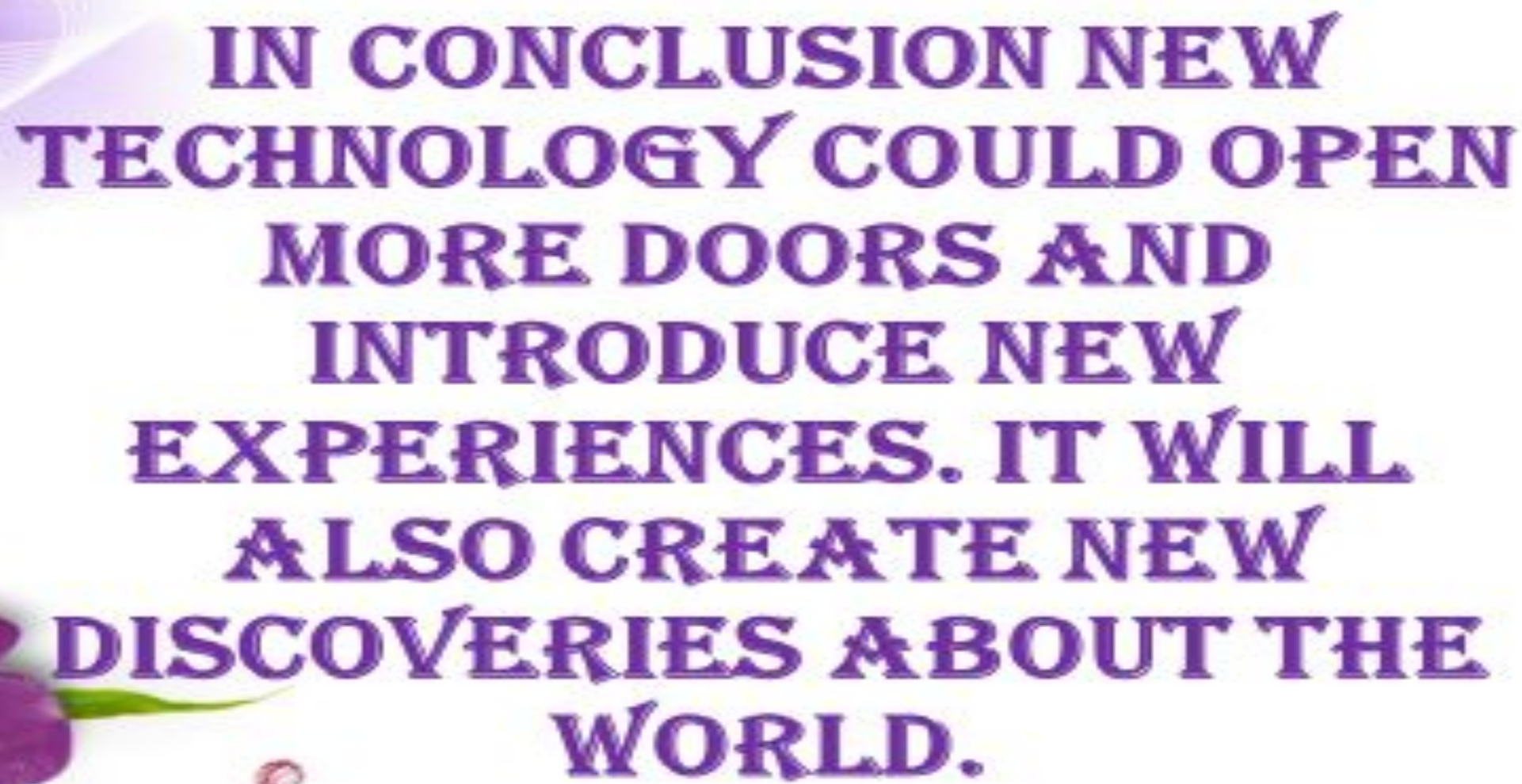
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**It may cause children to lose track of time.**

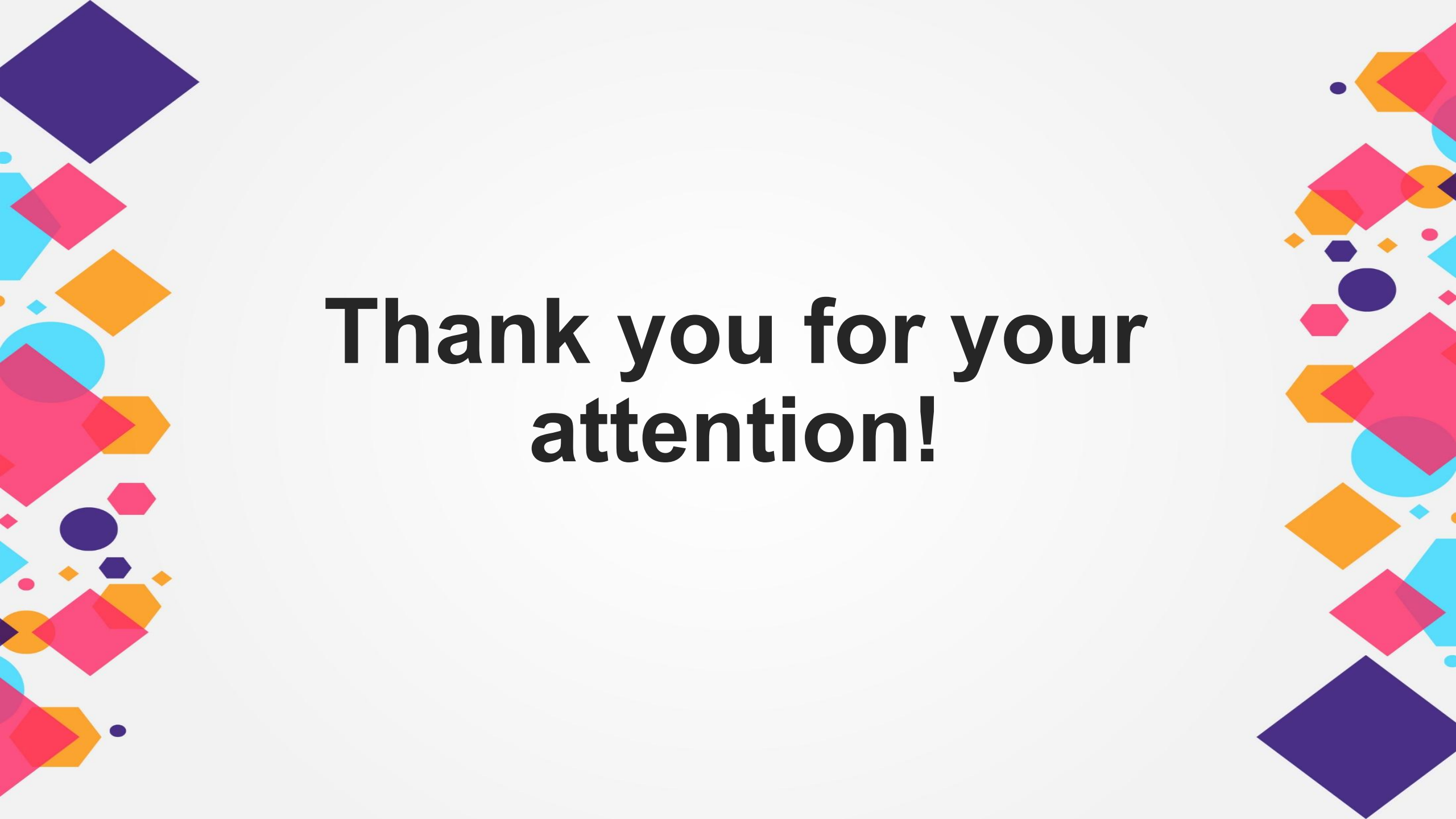


**The advantages and disadvantages of technology in the classroom show that it can be beneficial to try new tools for learning. Different people have different levels of comfort when it comes to introducing something new. That means there really isn't a right answer or a wrong answer to be found.**



The background features a soft, ethereal aesthetic with several large, detailed purple flowers with green leaves. Interspersed among the flowers are numerous small, out-of-focus pink and white circular bokeh lights, creating a dreamy, celebratory atmosphere. The overall color palette is dominated by purples, pinks, and whites.

**IN CONCLUSION NEW  
TECHNOLOGY COULD OPEN  
MORE DOORS AND  
INTRODUCE NEW  
EXPERIENCES. IT WILL  
ALSO CREATE NEW  
DISCOVERIES ABOUT THE  
WORLD.**



**Thank you for your  
attention!**