

# ICT use for **actionable**, engaged and **interactive** learning



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# Actionable learning

Actionable learning means developing capacity for improving human performance (action). It links three domains of learning: **emotion**(feeling), **thought** (thinking) and **behavior**(acting). Each is grown with capacity to learn how to learn.

# ACTIONABLE LEARNING STRATEGIES

The Five C's actionable learning framework to design the specific capacity building strategies.

**Conceptualization**

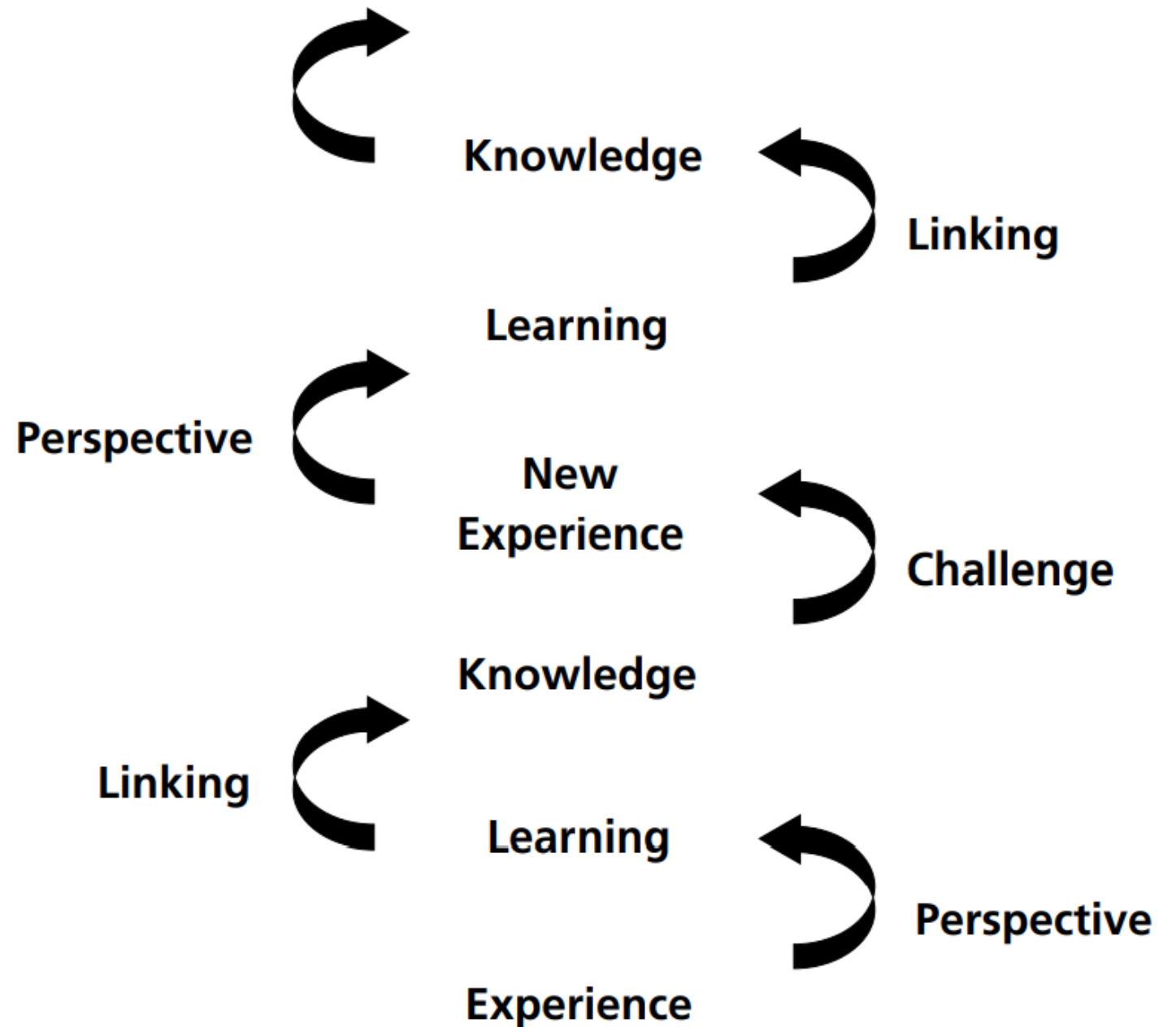
**Consideration**

**Capability**

**Concern and Capacity**



# The Knowledge Creation Cycle



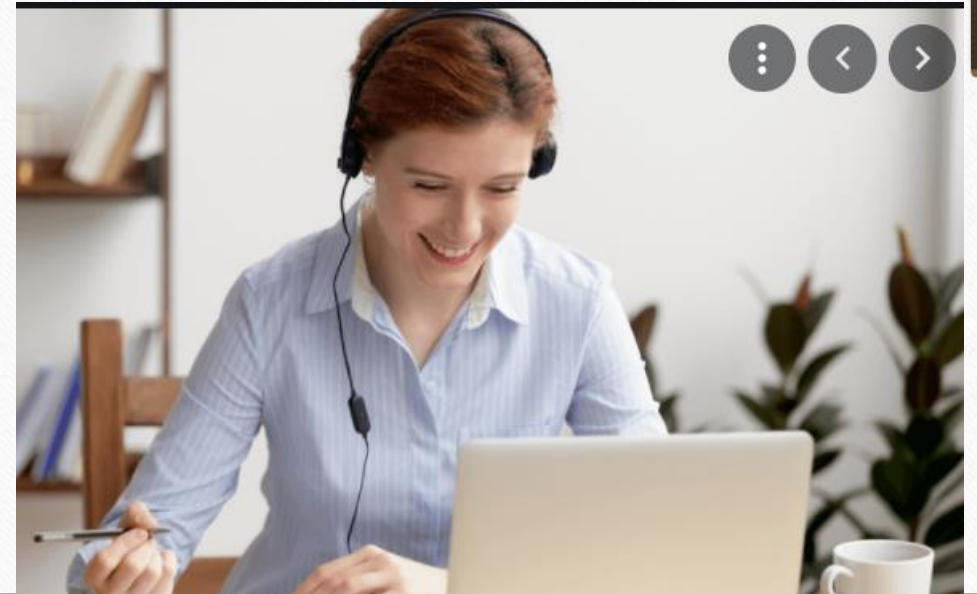
# Actionable learning through ICT

- 1. Use technology to engage student.**
- 2. Let students create original digital content.**
- 3. Pick digital tools that promote interactivity and discovery.**
- 4. Honor students as experts, and let them share their expertise with an authentic audience.**
- 5. Find the right blend of teacher and technology.**

# Engaged learning

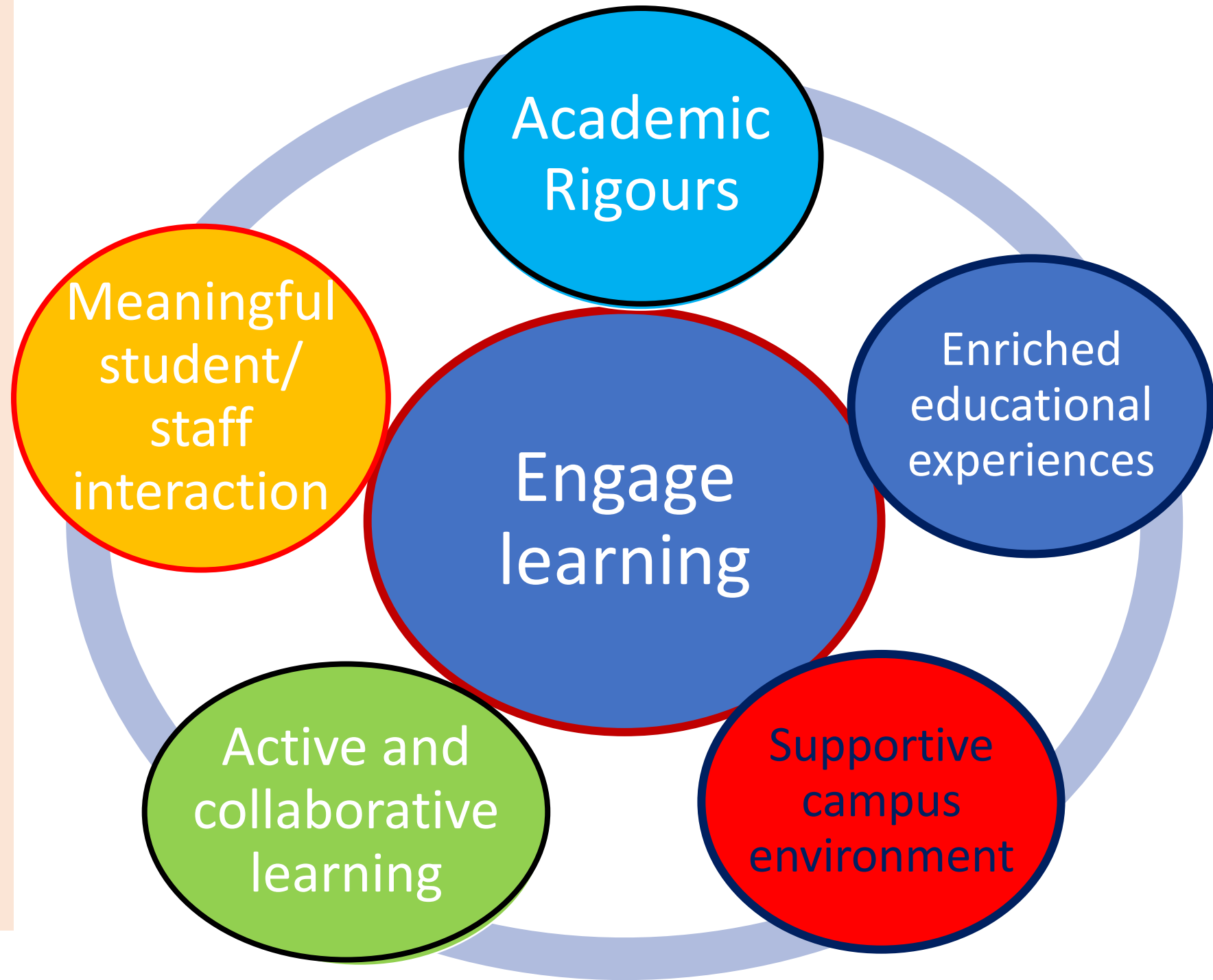
- Engaged learning is the process in which students actively participate in their learning.
- The teacher serves as a "coach or facilitator," guiding students to the desired goal.
- "Engaged learning allows students to participate in "real-life" activities through **collaboration, exploration, and discovery** with peers.
- **The more students are engaged, the more they learn, and the more they achieve.**
- It also makes it significantly easier to maintain your energy throughout the day.







# Framework of Engage learning



# Here are many ways to Increase Student Engagement:

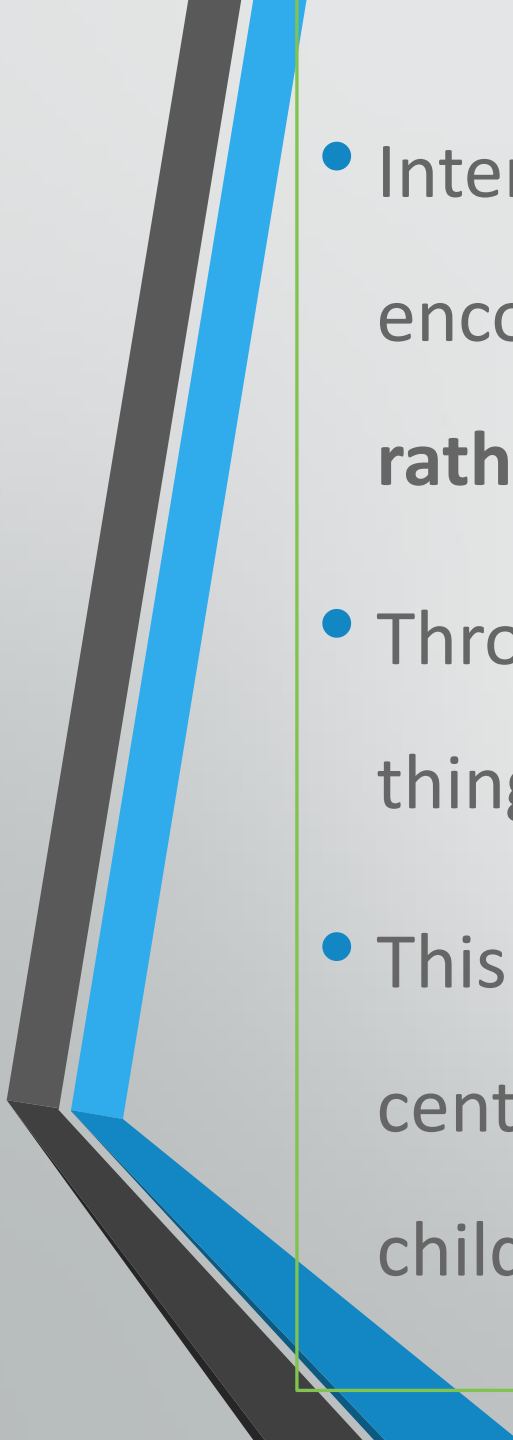
1. Submit assignments as blogs. ...
2. Submit assignments as podcasts or videos. ...
3. Create infographics to explain complicated topics. ...
4. Record and playback reading. ...
5. Interactive attendance. ...
6. Conduct an Online Class.

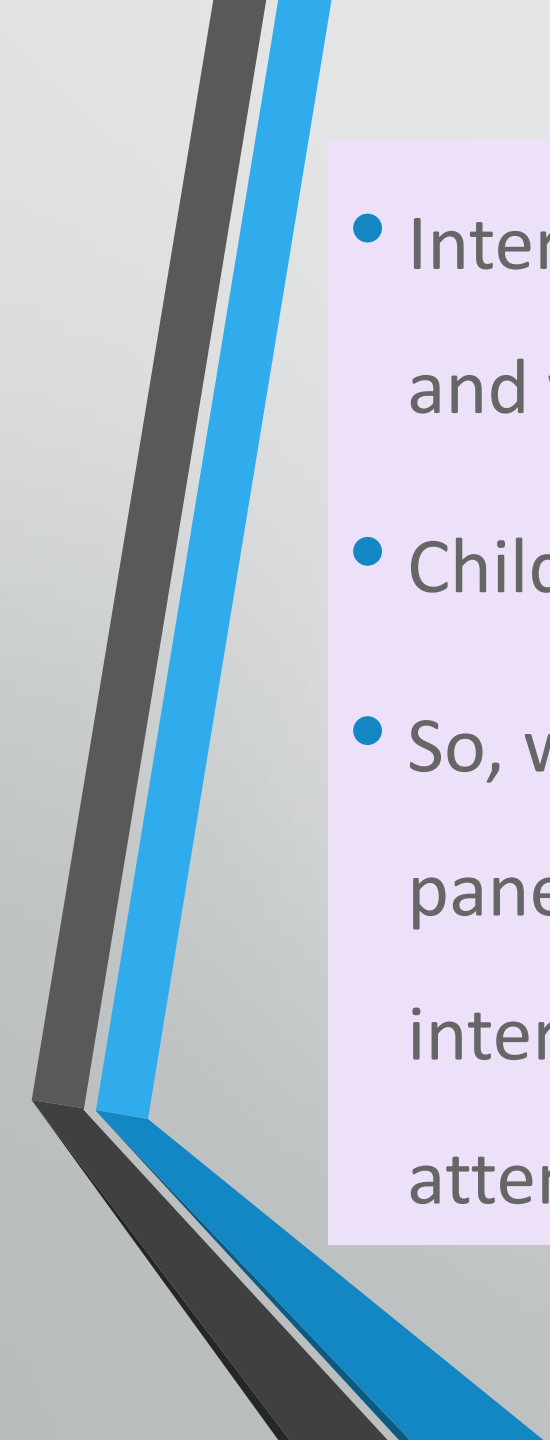
<https://www.chalk.com/resources/increasing-student-engagement-technology/>

# Interactive teaching

The interactive approach to any given lesson plan encourages students to interact with each other and with the subject matter.



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- Interactive learning is a process through which a child is encouraged to be an **active part of understanding a subject rather than just receiving the information and memorizing it.**
  - Through various activities, the child is allowed to interact with things around him, with his peers and his parents and teachers.
  - This teaching model is **learner-centred** rather than teacher-centred. It encourages imagination and critical thinking in the child.

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- Interactive media is captivating **tech-savvy children** via **apps** and **video games**.
  - Children feel more comfortable with the latest technology.
  - So, when students touch and use interactive whiteboard or panel, interactive touch screens, or laptops, tablets and interactive tables and software, they learn & pay more attention.



# Main Importance of Interactive Teaching

- It help Create Collaboration in the Classroom
- It makes students more independent
- It is an adaptable and Flexible learning style
- It is engaging and enjoyable
- Reducing Classroom Anxiety

# INTERACTIVE TEACHING STYLE .....

1. Brainstorming – *Various Techniques*
  - *Structure and unstructured*
  - *Online interaction such as chat forum and email etc*
  - *individual brain storming*
1. Problem solving and answer sharing
2. Group discussion and Buzz session
3. Case study
4. think, pair and share
5. Q and A session

# **Learning through networking - alternative view of learning**

There are several problems with the traditional system of education. First of all, you need to pay thousands of dollars per term to attend a prestigious school. you won't always get the chance to study exactly what you want.

Traditional classes are more suitable for young children, teenagers, and young adolescents who are yet to join the workforce. Regular attendance in classes helps them interact with other individuals of their own age, be better disciplined, follow a regular schedule, and improve their physical fitness and mental alertness.

# Learning through networking - alternative view of learning

**Networked learning** is a process of developing and maintaining connections with people and information, and communicating in such a way so as to support one another's learning. The central term in this definition is connections. It takes a relational position in which learning takes place both in relation to others and in relation to learning resources.

# CONT...

Social networking sites (SNSs) have the potential to facilitate interaction, communication, and collaboration.

Social networking sites are educational tools because students can use them for communication and social support as well as for discovering and sharing knowledge. However, because of their advantages in communication, these social networking sites have a huge potential for education. This subject is under debate and under study in different countries and cultures, and input is needed from various perspectives.

In general, the social networks sites provide users with a private virtual space where each one could build his own public profile and manage a list of links to other users' profile.



# **Facebook (facebook.com)**

Founded in 2004 by Mark Zuckerberg, this social network site was formerly named the facebook.com and was designed as a closed online social network, available only for Harvard University staff and students. Subsequently, network access has been extended to other universities and companies like Apple or Microsoft. Since 2006, Facebook provides free access regardless the membership in a university or company.

## Con...

Users can look up for their friends from around the world and can build their own profile that can be public or private. The profile could be changed at user will or, public profiles could be blocked by the administrators. Each user is allowed to post messages or photos which, also, could be public or could be addressed to a specific group or users. More recently, Facebook also provide different types of games for the users' entertainment.

# Con...

There are two approaches:

- (a) Learning for using Facebook**
- (b) Using Facebook for learning**

# **Possible uses of facebook in education**

There are many possible uses of Facebook in education, some authors (Onlinecollege.org, 2009) stating about 100 ways to use Facebook in the classroom, in order to provide value to the educational process. The main features which recommend Facebook as a valuable tool which could be used in education are:

Con...

- ♣ Exchanging information through links, photos or multimedia content related to specific subjects;
- ♣ Creating surveys and quantifying the feedback
- ♣ Using the on line chat for direct communication between students and teachers.
- ♣ Publishing news on tests, exams or face to face meetings.
- ♣ Integrating Facebook with other collaborative services provided by other application (like Google docs).
- ♣ Using Facebook as a complement for an eLearning platform



# Twitter (twitter.com)

Twitter is a micro blogging service based on WEB 2.0 technology. The main characteristic of Twitter is the feature of transmitting short messages like SMS, up to 140 characters. Formerly, many users considered Twitter an alternative SMS service in the Internet. Being two years younger than Facebook, Twitter is online since 2006 at [www.twitter.com](http://www.twitter.com) In the online community, the short messages transmitted through twitter are known as “tweets” and the users of Twitter “tweeters”. In order to transmit a message, a user could directly access the twitter web site

## Cont...

Several mobile phone operators from different countries allow the transmission of messages on Twitter network through SMS, using your mobile phone.

The base concept for Twitter is to allow the users to publish their own notes on a personal Twitter account and, in the same time, to let them read messages posted by other users on their accounts. Each person could define a custom list of Twitter users and is allowed to follow notes posted by these people.

Twitter for micro blogging is used nowadays in many activities:

**Publishing news:** by newspapers or media agencies. There are several TV stations (like CNN or PROTV) which publish the latest news on Twitter, allowing users to be informed in the shortest time via mobile phone notifications.

**Promoting blogs:** Many Twitter users have personal blogs and are using Twitter in order to promote their activity on a personal blog and to attract new visitors.

**Promoting political activities:** In recent years Twitter started being used extensively for political action: elections, protests (complains), etc. There are countries where large protests were coordinated on Twitter, when local authorities tried to censor the calls to protests in local media.

# **Advantages of Traditional Classroom Learning**

- **Active learning**
- **Maintaining interpersonal relationships**
- **Access to libraries and research materials**
- **Learning is scheduled**
- **Extra-curricular activities**

Allow us to explain why online learning is more awesome than you think. We have 5 advantages of online learning that will make you reconsider your attitude towards this type of education.

1. **You can learn whatever you want!**
2. **Comfort.**
3. **Online courses look great on a resume**
4. **Self-paced learning.**
5. **Lower costs.**



# **Disadvantages of Online Learning**

- Not all majors are available**
- Lack of face-to-face interaction**
- Lack of accreditation**
- Networking challenges**

Thank You!

The image features the words "Thank You!" written in a flowing, cursive script. The text is rendered in a vibrant pink color with a purple outline. Surrounding the text are numerous decorative elements, including clusters of small stars and larger, five-pointed stars in shades of pink and purple. The entire composition is set against a plain white background.