

Tablets and Smartphones: Using Mobile Devices as Educational Tools



euro berlin
pass



Who are we?

Round of presentation



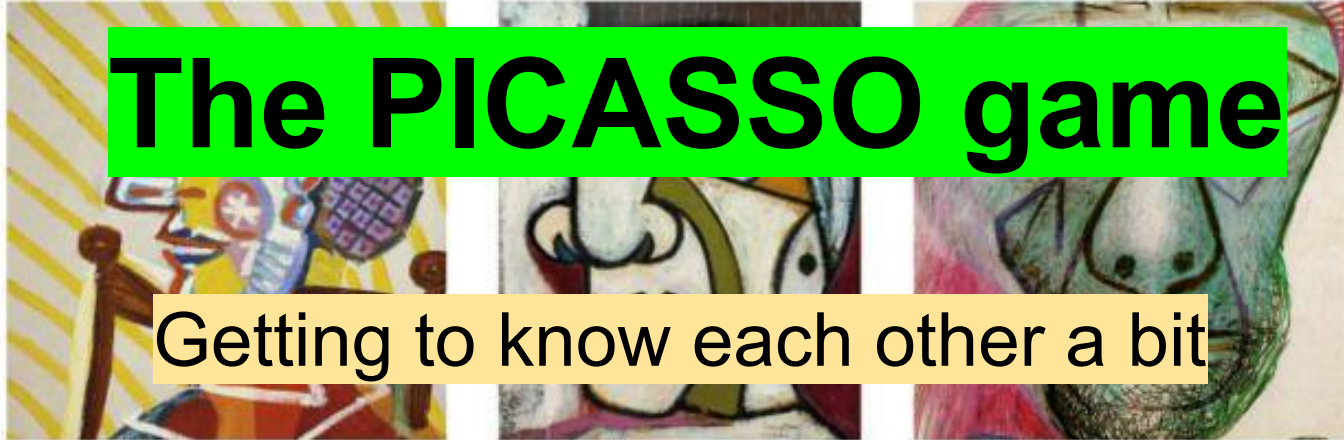
The week lesson program

Time, breaks, Citytour



The PICASSO game

Getting to know each other a bit



Video of evolution of technology





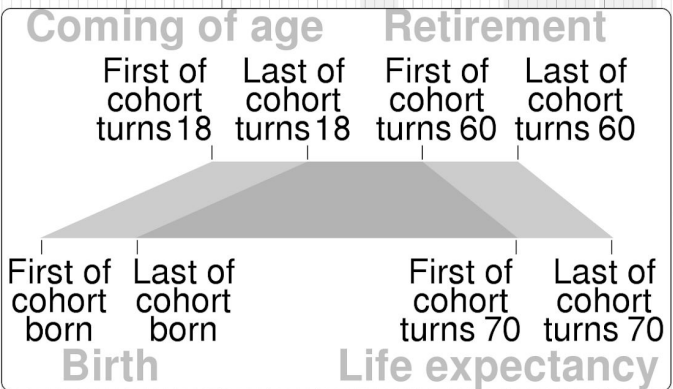
Technology

Is technology a necessary tool for education?

vs

Is technology not a necessary tool for education?

1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030



Generation Alpha
*early 2010s – mid-2020s

Zoomers/Generation Z
*1997–2012

Millennials/Generation Y
*1981–96

Generation X
*1965–80

Baby Boomers
*1946–64

Silent Generation
*1928–45

Greatest/G.I. Generation
*1901–27

Lost Generation
*1883–1900

WW 1

WW 2

Korean War

Vietnam War

Cold War

Web 1.0

Web 2.0

War on Terror

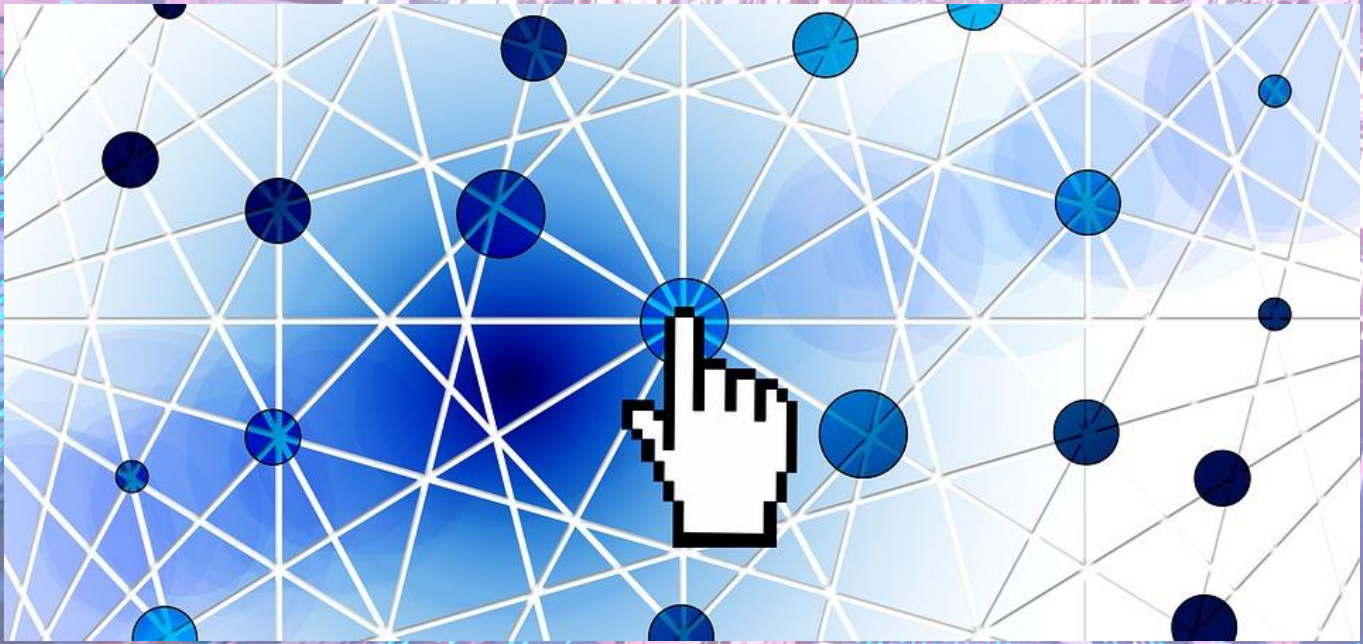
1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030



Technology

How much do we use it in classroom?

Video of evolution of Internet



Tekhno: a system or
method of making or doing

Technology

From ancient greek;

Logy: discourse,
theory

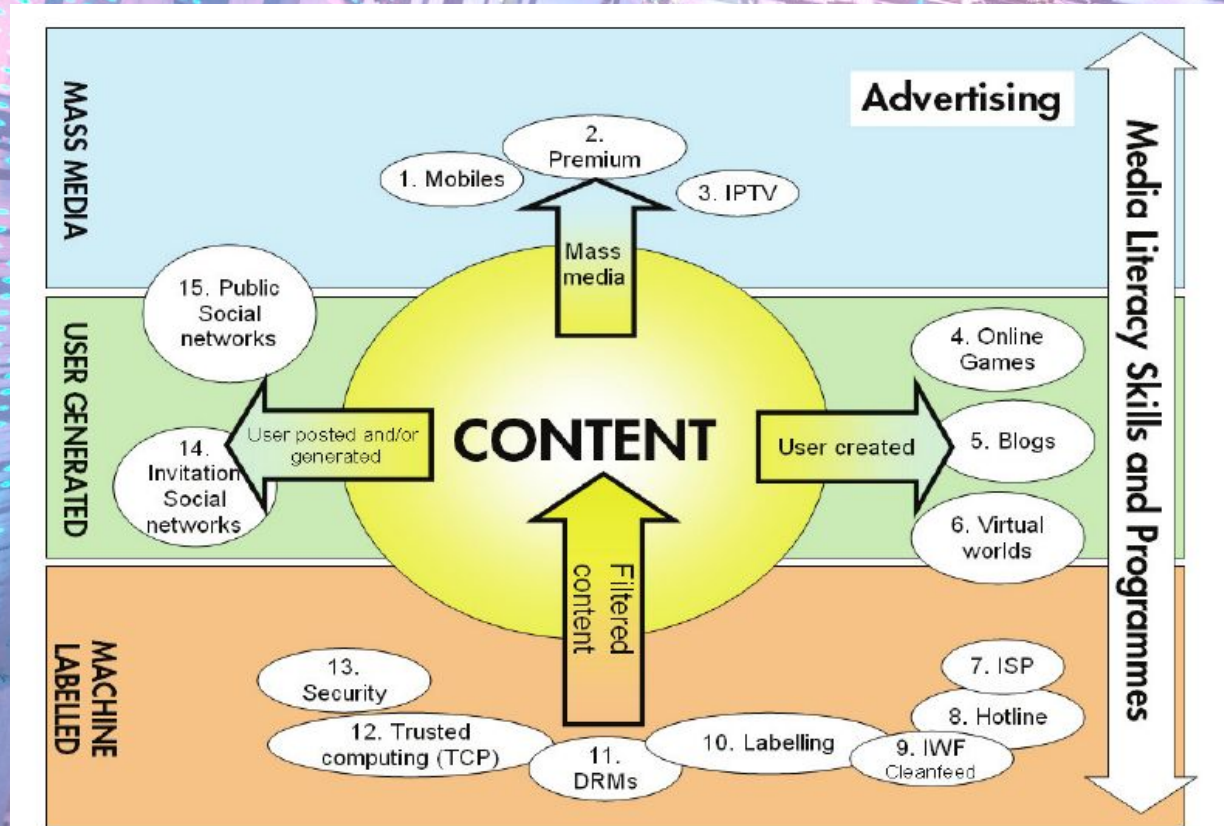
from past participle stem of
informare "to train, instruct,
educate; shape, give form to"

ICT

information and communications technology

from past-participle stem of **communicare** "to
share, divide out; communicate, impart, inform;
join, unite, participate in," literally "to make
common," related to communis "common, public,
general"

Mass Media Vs User-generated content





LEARNING STYLE

VARK theory by Neil Fleming



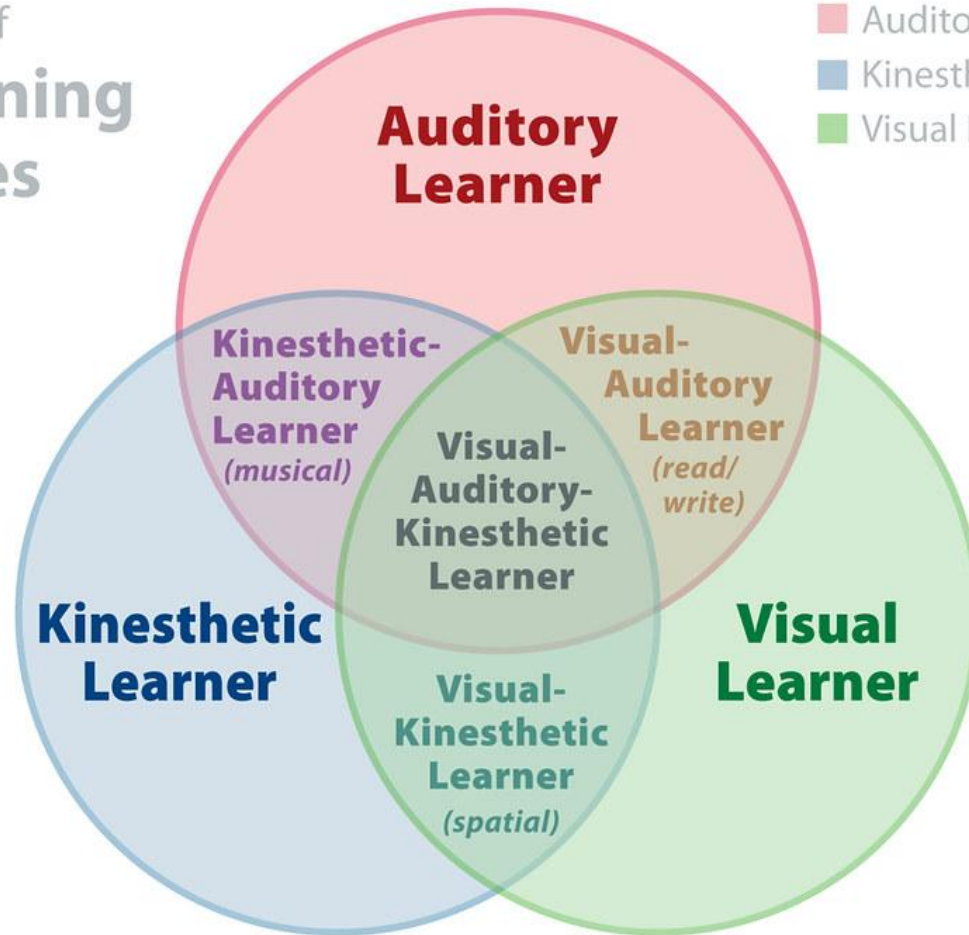
visual * aural * read/write * kinesthetic

WARK[®]

a guide to learning preferences

Types of Learning Styles

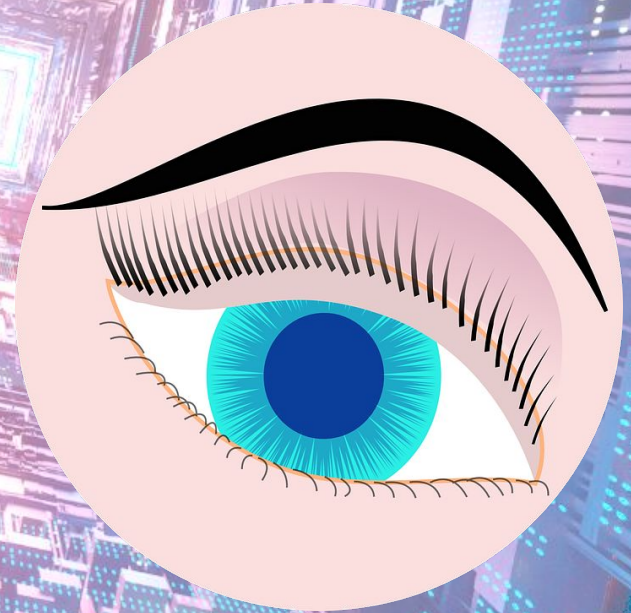
- Auditory Learner
- Kinesthetic Learner
- Visual Learner



Venn diagram

VARK

V for VISUAL



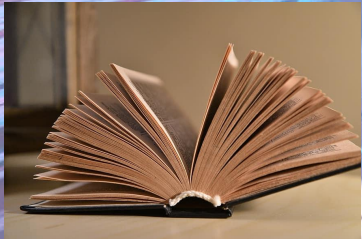
VARK



A for AURAL

VAR K

R for READ/WRITE



VARAK

K for KINESTHETIC





VARK theory



Learners

VARK questionnaire

Teacher

1. Sharing personal information

Google Drive allows users to store files in the cloud (on Google's servers), synchronize files across devices, and share files.

1. Google Drive

- Sharing a file
- Sharing a folder
- Giving tasks



Drive

1. Google Drive

- Sharing a File



1. Google Drive

- Sharing a Folder



1. Google Drive

Giving a Task:

- (Private) costs of the participants (for example)



1. MiroBOARD



miro

1. Coogle

coggle

1. OurBoox





Group task:

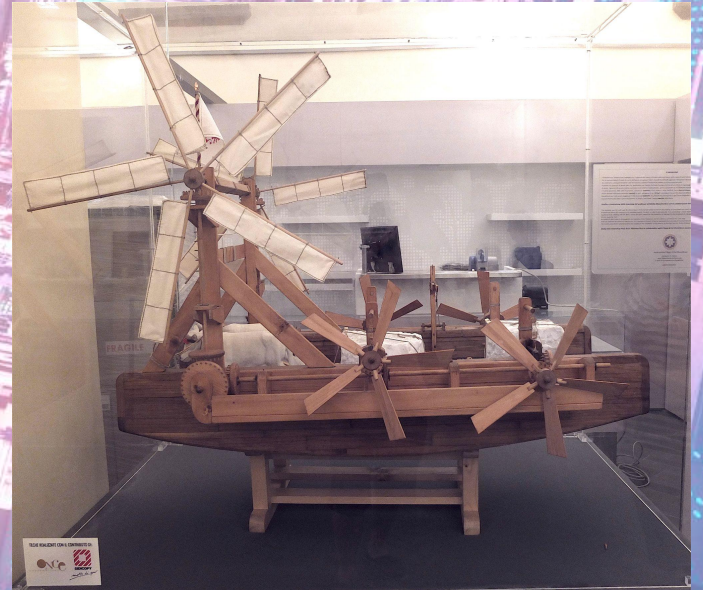
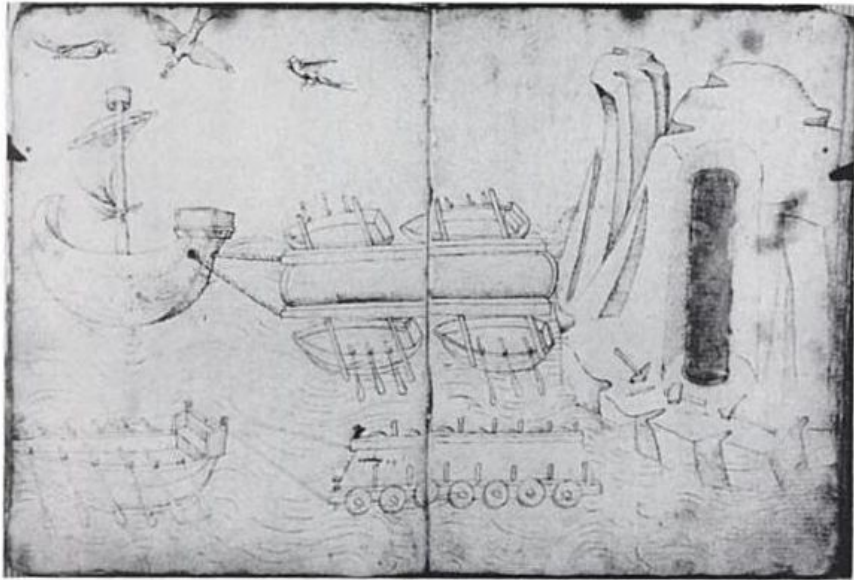
Create a logbook of your days of Berlin.
(what you see, visit, lesson contents at europass..)


Commons



First patent

The boat was designed for the transportation of heavy loads up the Arno, and was specifically required for the transportation of large slabs of marble from the quarries of Carrara. (1421)





Digital Commons

Mayo Fuster Morell

“information and knowledge resources that are collectively created and owned or shared between or among a community”

Intellectual Property



Copyright



Copyleft



**Creative
Commons**



Attribution

BY



No Derivative Works

ND



Share Alike

SA



Non-Commercial

NC





Video about intellectual
property

Wikipedia



Wikipedia

Using image and/or audio from it



Using Google to search



Some Google tips

'Or' | = to decide in between two things

'~' = expand the search with related keywords

'*' = when you don't remember a part of your phrase

'...'= period of time

"search term" = specific search

'-' = exclude in the search

'Site:' = find a specific website

'#' = in front of a word. For example: #throwbackthursday

'Related:time.com.' = to find a similar website

Wikipedia



Group task: collecting material from Wikipedia and insert in Google Drive:

- 1 Image
- 1 Sound
- 1 Video

About Berlin...



PADLET

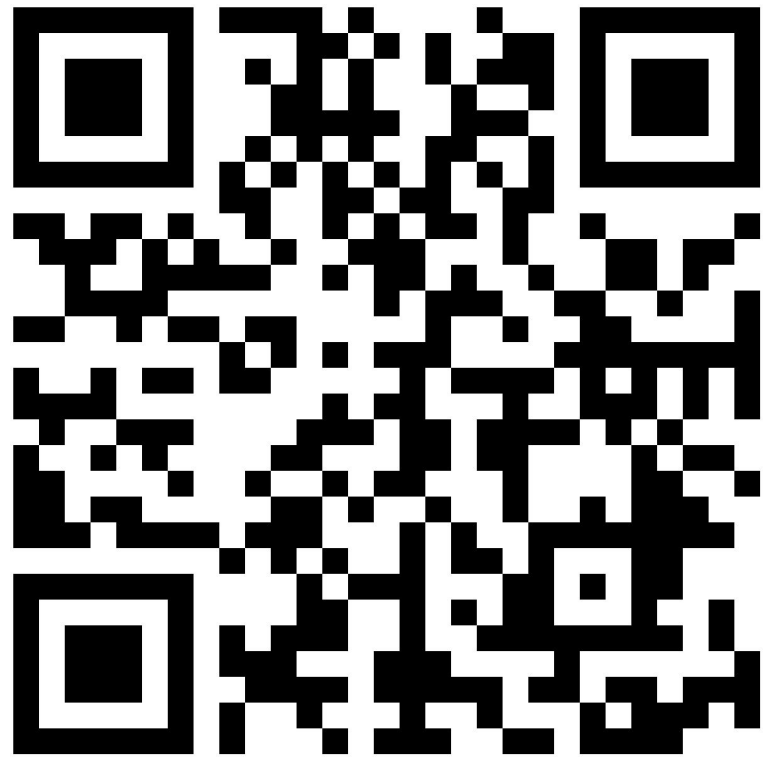


padlet

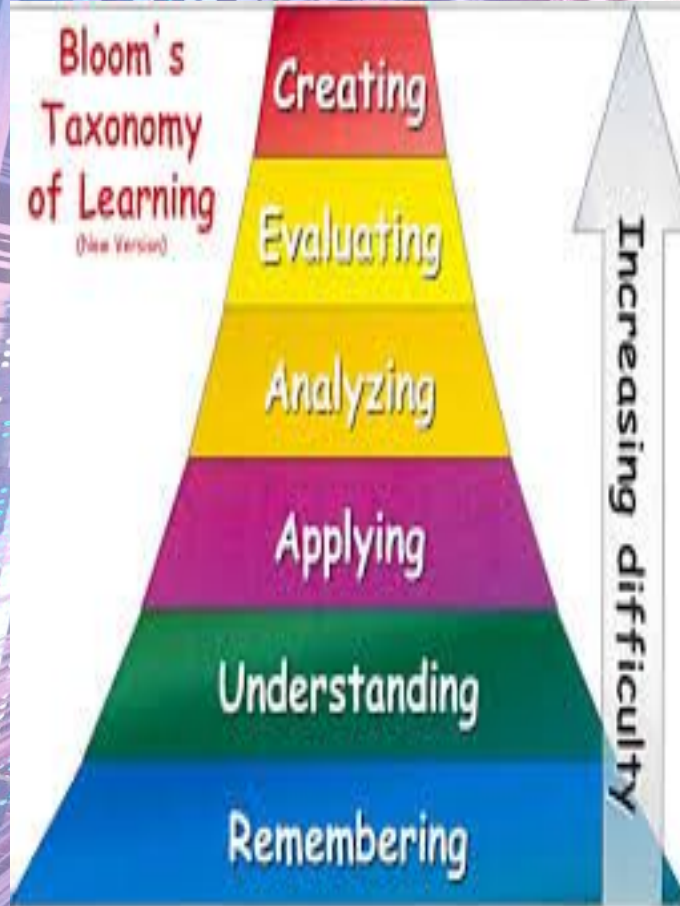
We give you a blank wall.
You put anything you want on it, anywhere.
Simple, yet powerful.

[Build a wall](#)

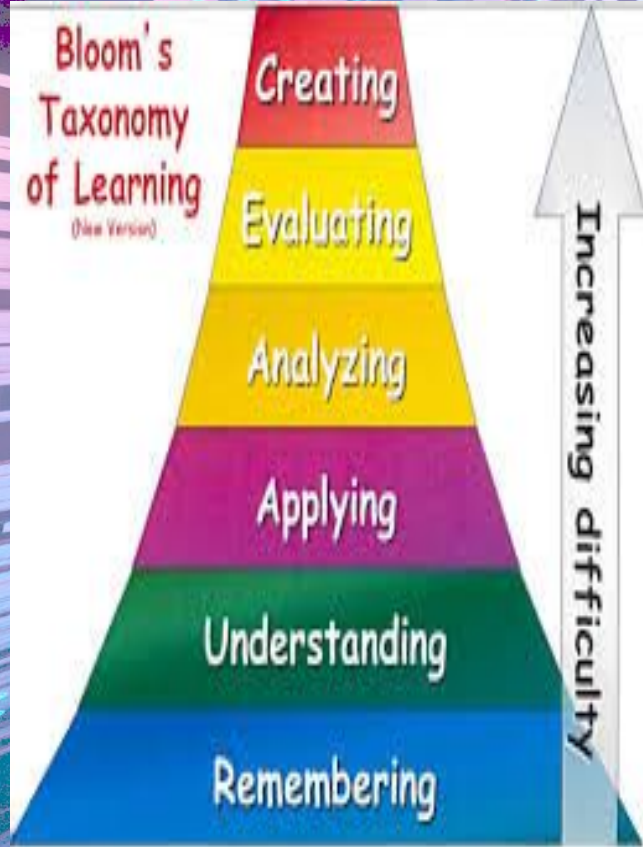
PADLET



The Bloom's Taxonomy

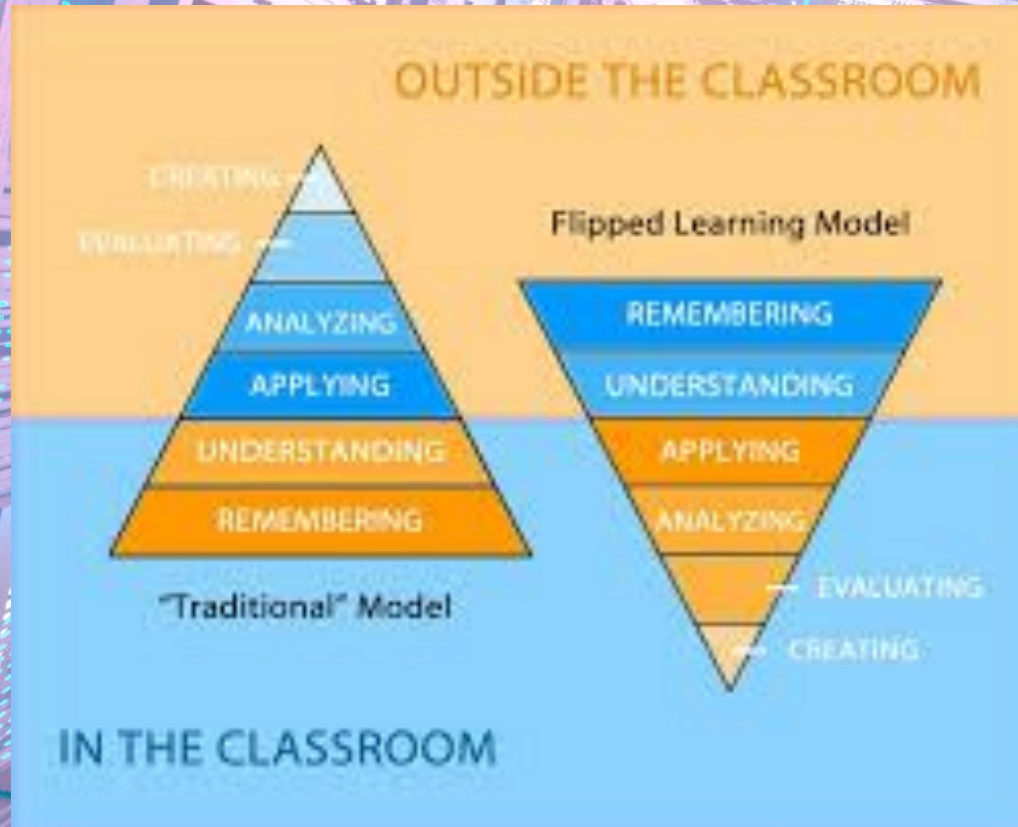


The Bloom's Taxonomy



Explanatory
[video](#)

The Bloom's Taxonomy and the flipped classroom



The flipped classroom

TRADITIONAL



FLIPPED



The flipped classroom

Traditional

Lecture



Homework activities



Flipped

Lecture



Classroom activities



7 Models of Flipped Classroom



Inverted Classrooms

Watch lectures at home, do homework in class



Discussion Oriented

Assign content to study, discuss in class



Demonstration Focused

Demonstrate principles with content, practice in class



Faux Flipped

Watch content in class, review as needed



Group Based

Students watch material, teach each other in class



Virtual Flipped

Watch content and do work remotely (all online)



Teacher Flipped

Students create content to study at home



The flipped classroom

2. Video

From latin: videre= to see



2. Video

Illusion of Movement....

How many photos are in 1 second of Video?

FRAME PER SECOND



Youtube

A social media video platform owned by Google





Youtube started as a date
platform



Youtube

Educative channels

Vox

Berlin story 1

TED

WWW story

Find in Youtube the homework
for your students



edpuzzle

Edpuzzle

EDPUZZLE
CREATING
ACTIVITIES



The history of English

The Berlin Wall

Edpuzzle



EDPUZZLE
CREATING
ACTIVITIES

Create an educational video

Record your screen/voice



What is a layer?



Edit free online videos:

- Kapwing (Laptop)
- WeVideo (Laptop)
- OpenShot video Editor (Laptop)





Khan Academy

— O'ZBEK —

Edit a Podcast!

 **Soundtrap**[®]

A SPOTIFY COMPANY

Uploading a podcast online!



Podbean

21st Century Skills

- It refers to a broad set of knowledge, skills, work habits, and character traits that are believed to be critically important to success in today's world, particularly in collegiate programs and contemporary careers and workplaces.



3 Categories



Learning skills



Literacy Skills



Life Skills

21st Century Skills

Let's talk about it!

How today's students can stay competitive in a changing job market

Learning Skills



critical thinking



creativity



collaboration



communication

Literacy Skills



information



media



technology

Life Skills



flexibility



leadership



initiative



productivity



social skills

Visual thinking strategy (VTS)



Visual thinking strategy

VTS Questions:

What is going on in
this picture?

What do you see that
makes you say that?

What more can we
find?

Visual thinking strategy



Music Thinking Strategies



Music Thinking Strategies

Features of selected music:

- Music is “unknown” to the listeners.
 - No lyrics, only instrumental
 - Has sufficient complexity
 - 40 second segments

- Diverse styles: Renaissance, Medieval, Baroque, Contemporary, etc.
 - Diverse genres: solo, chamber, symphonic, jazz combo, etc.

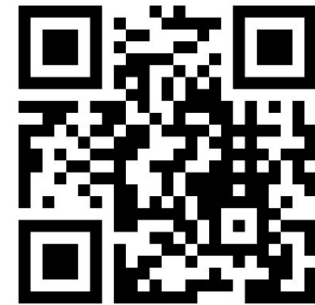


Music Thinking Strategies

- **What is going on in this music?**
- **What do you hear that makes you say that?**
 - **What more can you find?**

How can we use social medias in education?

<https://www.menti.com/1oc84q4k5m>



Social media & communication

- Create a class page on facebook
- Communicate with your students
- Share additional materials
- Start lessons or discussions with an hashtag
- Create a class blog on instagram



The teacher blog



Teachers With a Sense of Humor

5 February at 08:34 · 🌐

*signaling also

If I ever use "there" instead of "their" and "your" instead of "you're" in the same post, I've been kidnapped and am signalling for help.



someecards
user card



Like



Comment



Share



15,217 people like this.

Top Comments ▾

15,977 shares

Create and organise a classroom with Facebook



[Teacher Mike](#)



ClassDojo

Quizzes

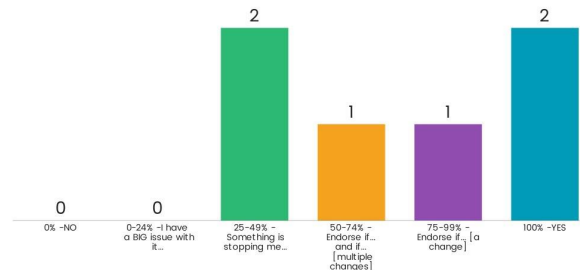
How to we use it in our classroom?



When can we use Quizzes in our classroom?

Soft feedback: Right now, how much do you endorse the Strategic Direction?

Mentimeter



Quizzes



[Quiz about Berlin](#)



QUIZZ

duolingo

The screenshot displays the Duolingo website interface. At the top, there is a navigation bar with the Duolingo logo and links for Home, Activity, and Discussion. The user's profile, including a name, a level indicator (2), and a XP goal (111), is visible. The main content area is divided into two sections. The left section, titled "Greek skills LEVEL 4", features a yellow "IN BETA" banner and three circular progress indicators for "ABC", "Basics 1", and another unit. The right section, titled "Daily Goal", shows a green owl icon, the text "Keep up the good work!", and a large circular progress indicator for "110/10 xp goal met". Below this, it indicates "2 day streak" and "9 hours left". A line graph shows the user's progress over the week, with data points for Th, F, Sa, Su, M, Tu, and W.

Duolingo: Home
www.duolingo.com

Home Activity Discussion

Greek skills LEVEL 4

IN BETA

ABC

Basics 1

Daily Goal

Keep up the good work!

110/10 xp goal met

2 day streak

9 hours left

140
105
70
35
0

Th F Sa Su M Tu W

Group task:

Create your own Quiz!

QUIZIZZ

 **socrative**

Final Day!



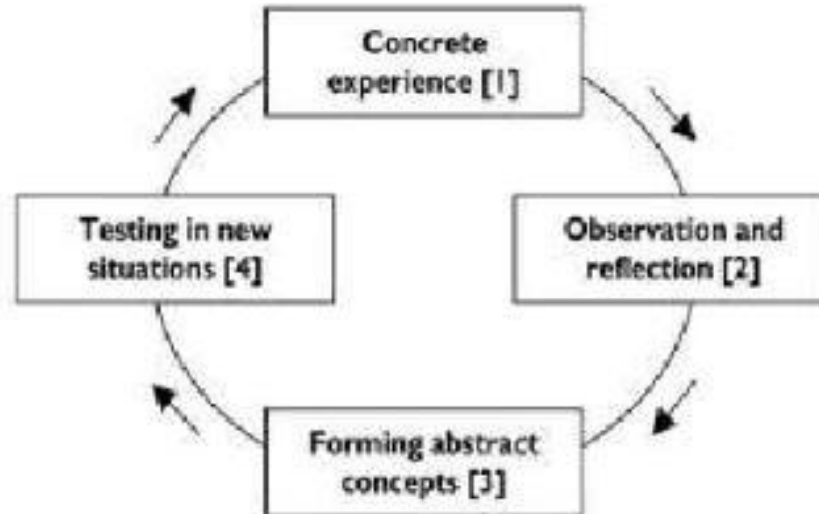
Experiential Learning

Constructive Learning Model

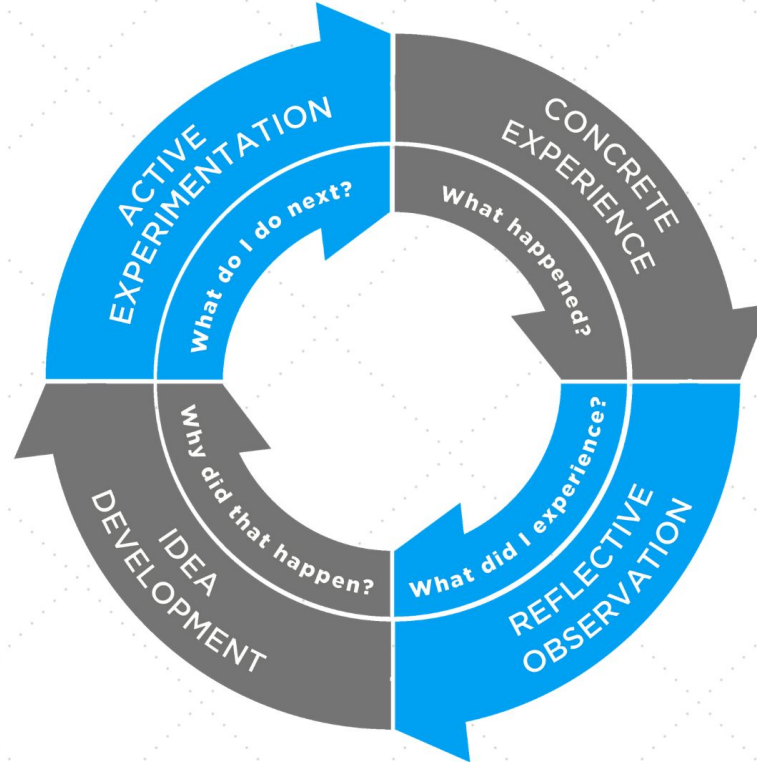
Jean Piaget

David A. Kolb

John Dewey



Experiential Learning



Gamification

Roger Caillois: Man, Play and Games (1961)



Every game have this 4 components, in a different amount

alea



agon



ilinx



mimicry



Gamification

GAMIFICATION



USER ENGAGEMENT



REWARD



ACHIEVEMENT



MOTIVATION



LEARNING



CHALLENGE

Gamification: How to take it to the next level in 2020

Gamification

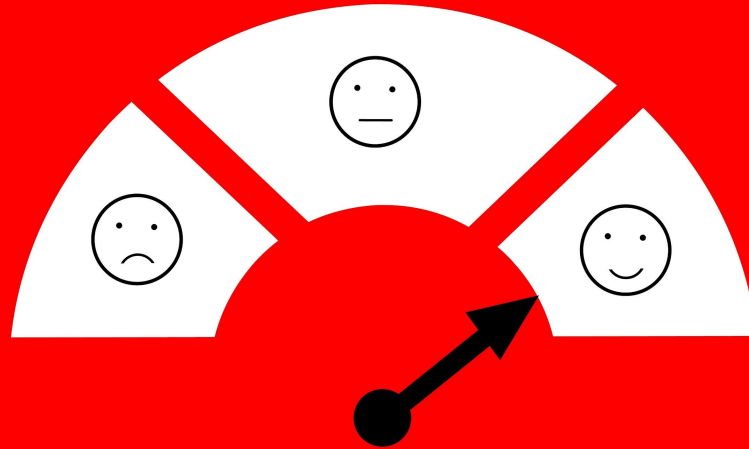
Extrinsic Motivation

Intrinsic Motivation



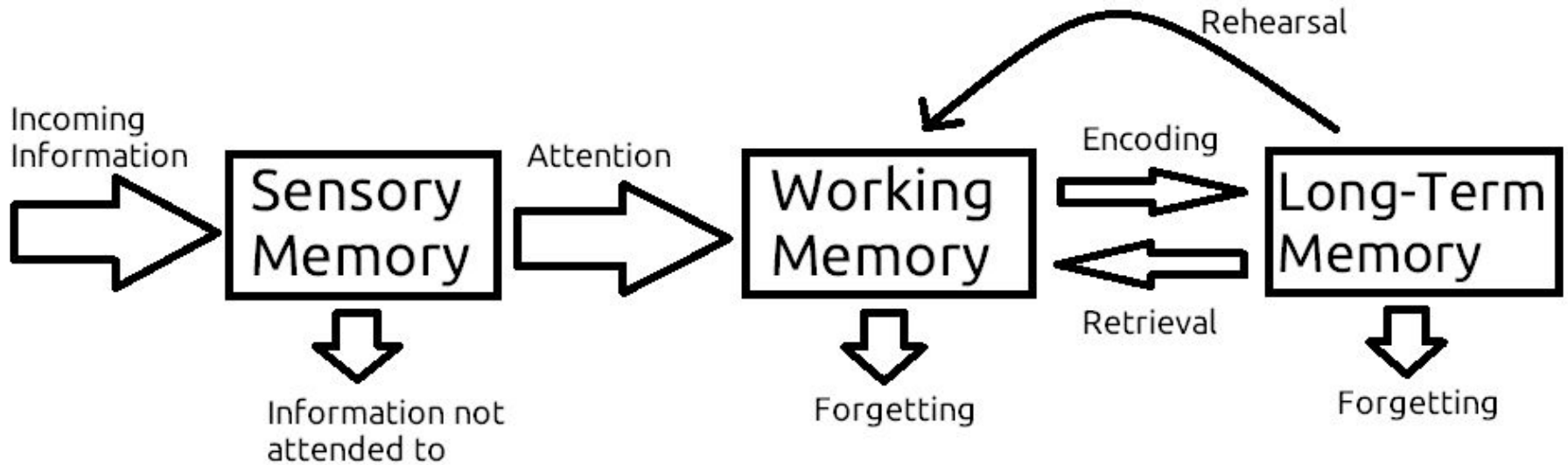
Gamification

Learning through Emotions



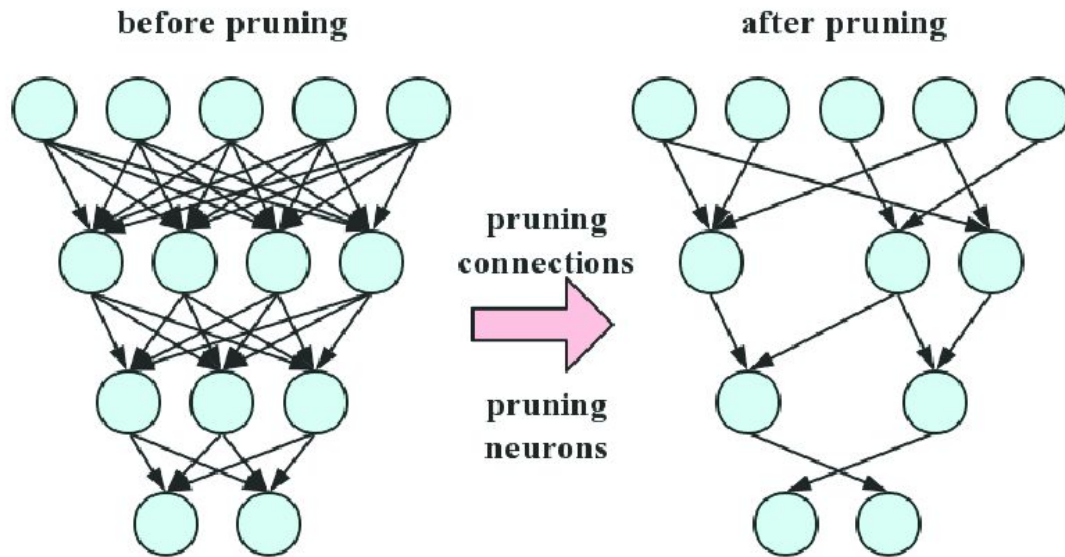
Gamification

Learning through Emotions

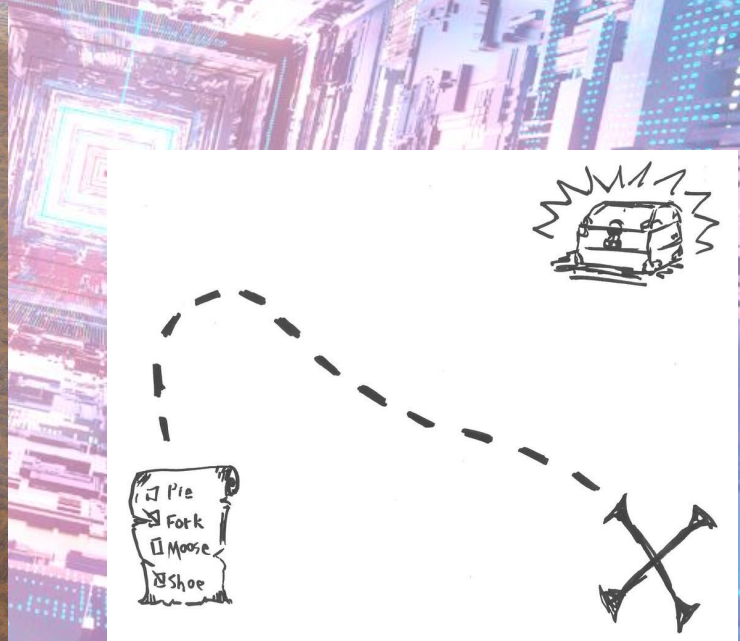


Gamification

Learning through Emotions



Treasure/scavenger Hunt



Treasure hunt using Augmented Reality

POKÉMON



Augmented Reality app



AR.js studio

<https://gabicin.github.io/abatrout3q4tqxo/>

<https://gabicin.github.io/tryout1v39z5q/>

<https://gabicin.github.io/europassberlinl4cyh/>





deck·toys

<https://deck.toys/a/XJ8eQGQ3i>



lyricstraining

<https://lyricstraining.com/play/david-bowie/heroes/HaJ3ymUYqa#b7w!gabriele.cinti>



plickers
clickers, simplified