

HOMO ZAPPIENS!

Learning in a networked age

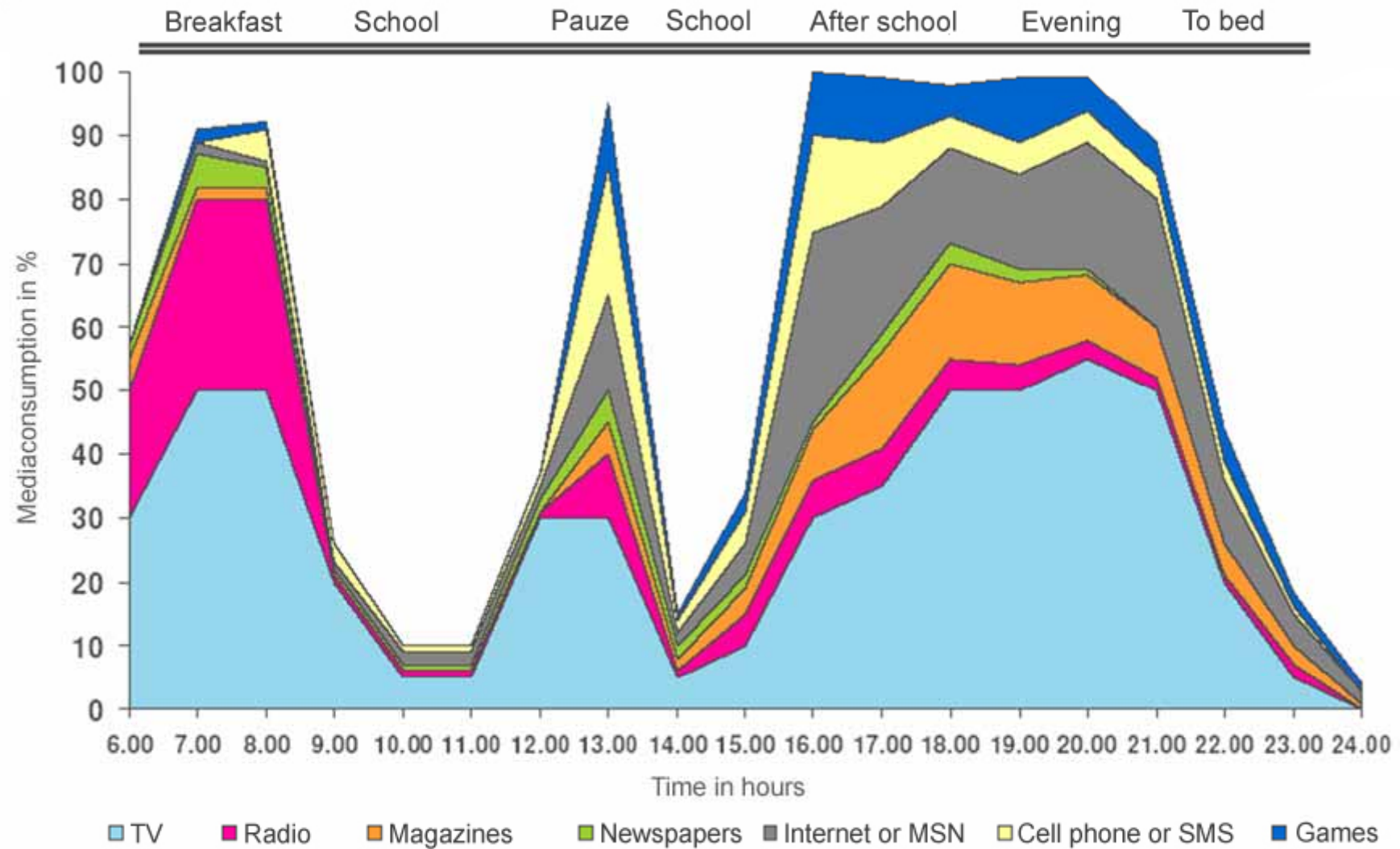





DEVICES GIVING CONTROL OF INFORMATION FLOWS



DAILY MEDIA USES





Never reading a
manual

Integrating f2f
and
virtual friends

Playing
Games!

Communicating
24/7

Preferring a cell
phone rather
than a
newspaper

THE GENERATION FOR WHOM
LEARNING IS PLAYING

WORLD OF WARCRAFT

Choose a language: ▾

- NEWS
 - Current News
 - Archived News
 - Patch Notes
- GAME GUIDE
 - New Players
 - Your character
 - Game Manual
 - In Development
 - Game Policies
- INTERACTIVE
 - Honor Ranking
 - Talent Calculator
 - World Map
 - Honor Mini Site
- COMMUNITY
 - Forums
 - Screen of the day
 - Fan Sites Program
- ACCOUNT
 - Create Account
 - Manage Account
 - Retrieve Password
 - Char. Migration
 - Test Realm Copy
- SUPPORT
 - Realm Status Page
 - Complete FAQs
 - Support Info
 - Support Forums
- MEDIA
 - Movies
 - Wallpapers
 - Music

Current News

PREVIEW



THE GATES OF AHN'QIRAJ

Job Spotlight: [Game Master](#)

The War of the Shifting Sands

Daliniya, 18/11/2005

Since the beginning of recorded history, Azeroth has seen the most terrible conflicts imaginable. The War of the Ancients and the Sundering of the World. The coming of the Tides of Darkness. The return of the Burning Legion, the Scourge of Lordaeron and the rise of the Lich King. Yet all this time, deep beneath the shifting sands of Silithus, an unspeakable horror has been lying in wait, ever patient, ever enduring. Evil is stirring where mortals were never meant to tread...



To learn more about the fate awaiting the inhabitants of Azeroth, take a

NOW HIRING: GAME MASTERS

- [Realms status](#)
- [Account Creation](#)
- [Account Management](#)
- [Retrieve Password](#)
- [Latest Patch Notes](#)
- [Tip of the Day](#)

BURNING CRUSADE

All the answers to your questions,
[New FAQ support site](#)

HONOR SYSTEM PVP RANKING PAGE

SCREENSHOT OF THE DAY



[Submit your screenshots to the RPSA](#)

Community News

Manager, News - Vaneras - 18/11/2005

New in [World of War.Net](#)

WORLDWIDE MULTI PLAYER
GAMES
ON THE INTERNET



Moonglade RP

Change Realm

Daekon
Level 60 Warrior
Hellfire Peninsula

Dakkar
Level 20 Rogue
Orgrimmar

Gulzar
Level 60 Shaman
Hellfire Peninsula

Sehn
Level 70 Warlock
Shattrath City

Drakthul
Level 60 Rogue
Orgrimmar

Caen
Level 6 Hunter
Eversong Woods

Create New Character

Drakthul

Enter World

Delete Character

THIS IS MY
SON





THIS IS MY
COLLEAGUE



MY COLLEAGUE'S
GUILD

A cinematic space battle scene. A large, detailed spaceship with a reddish-brown hull and a long, segmented body is the central focus. It is positioned diagonally across the frame. To its left is a large, dark, spherical planet with a bright, glowing horizon line. Several smaller, sleeker ships are scattered around the main vessel. Intense orange and yellow laser beams and explosions are visible on the right side of the image, suggesting a fierce battle. The background is a deep, dark red space.

COLLABORATIVE DESIGN OF CYBERSPACES



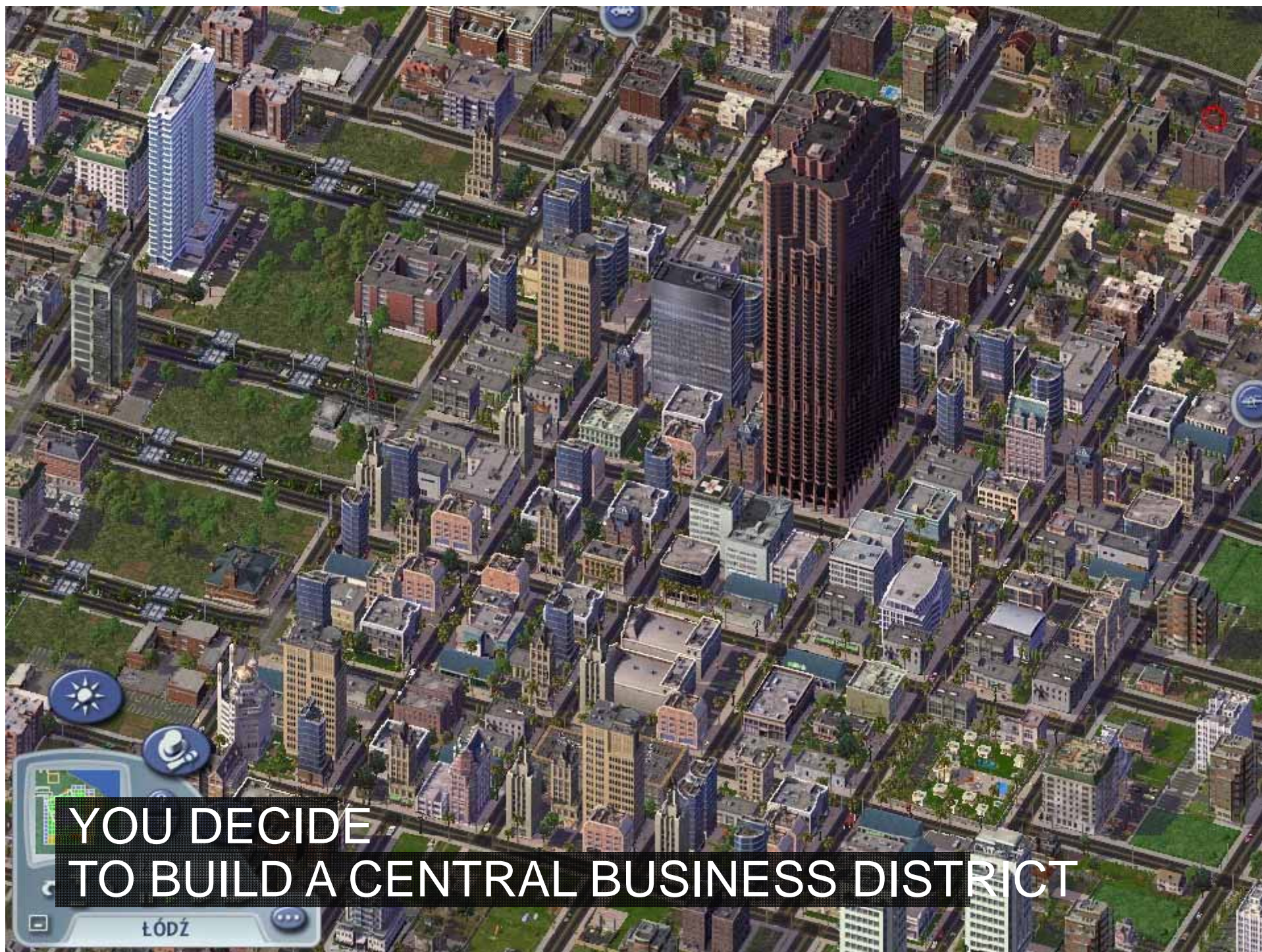
WHAT MAKES GAMES SO ATTRACTIVE

?

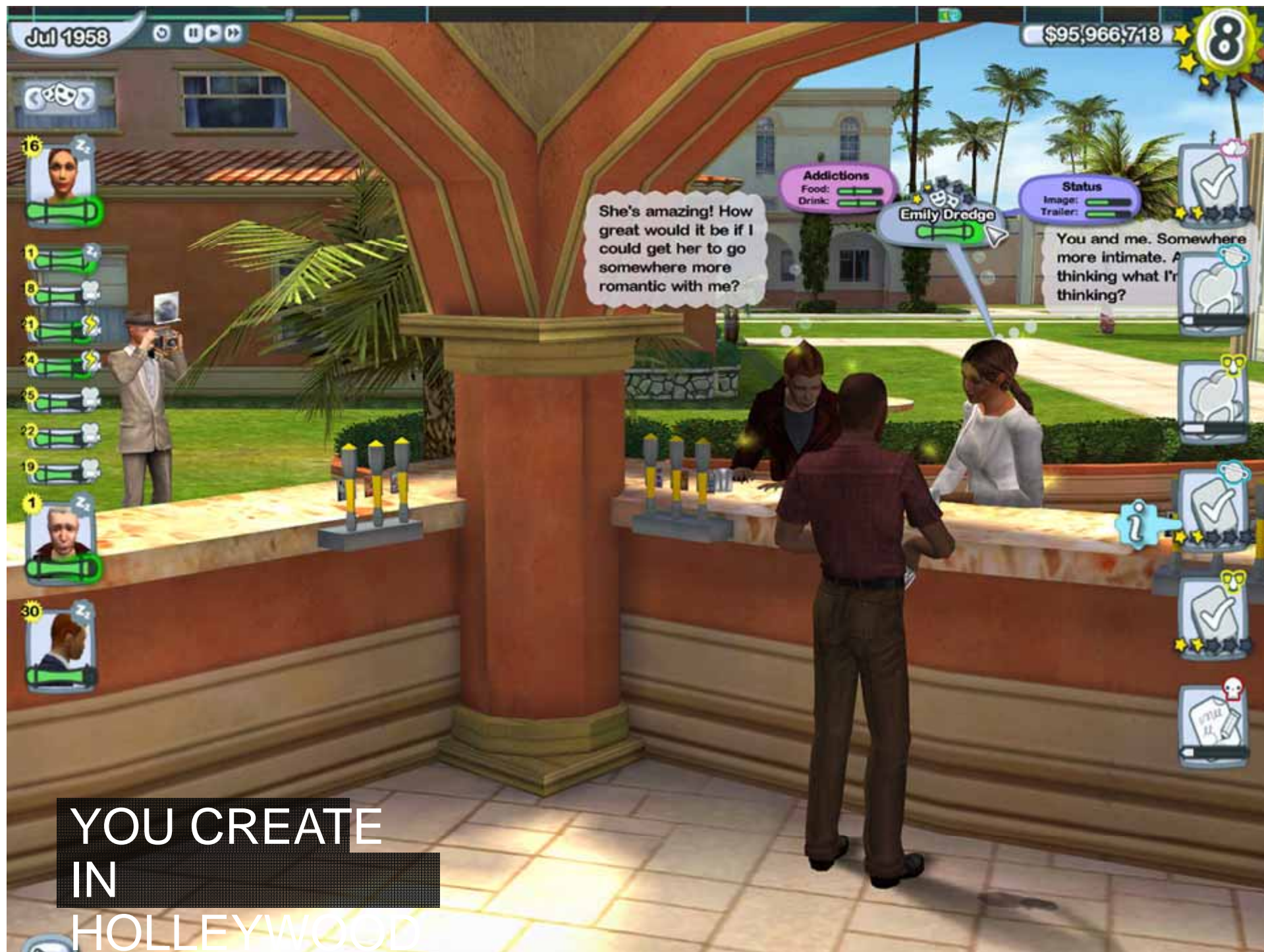


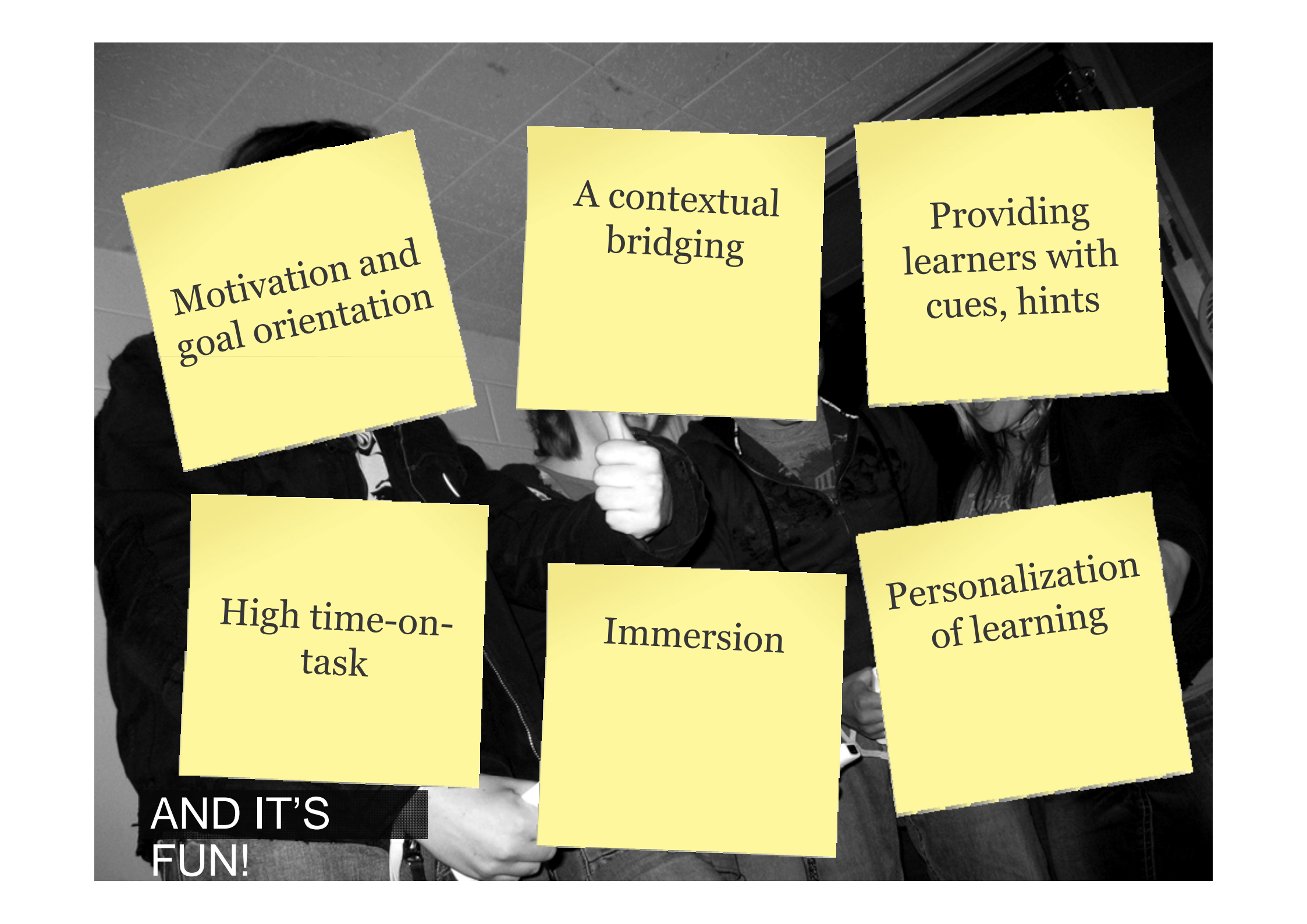


**"GRUBBY" MEETS
KASPAROV**



YOU DECIDE
TO BUILD A CENTRAL BUSINESS DISTRICT





Motivation and
goal orientation

A contextual
bridging

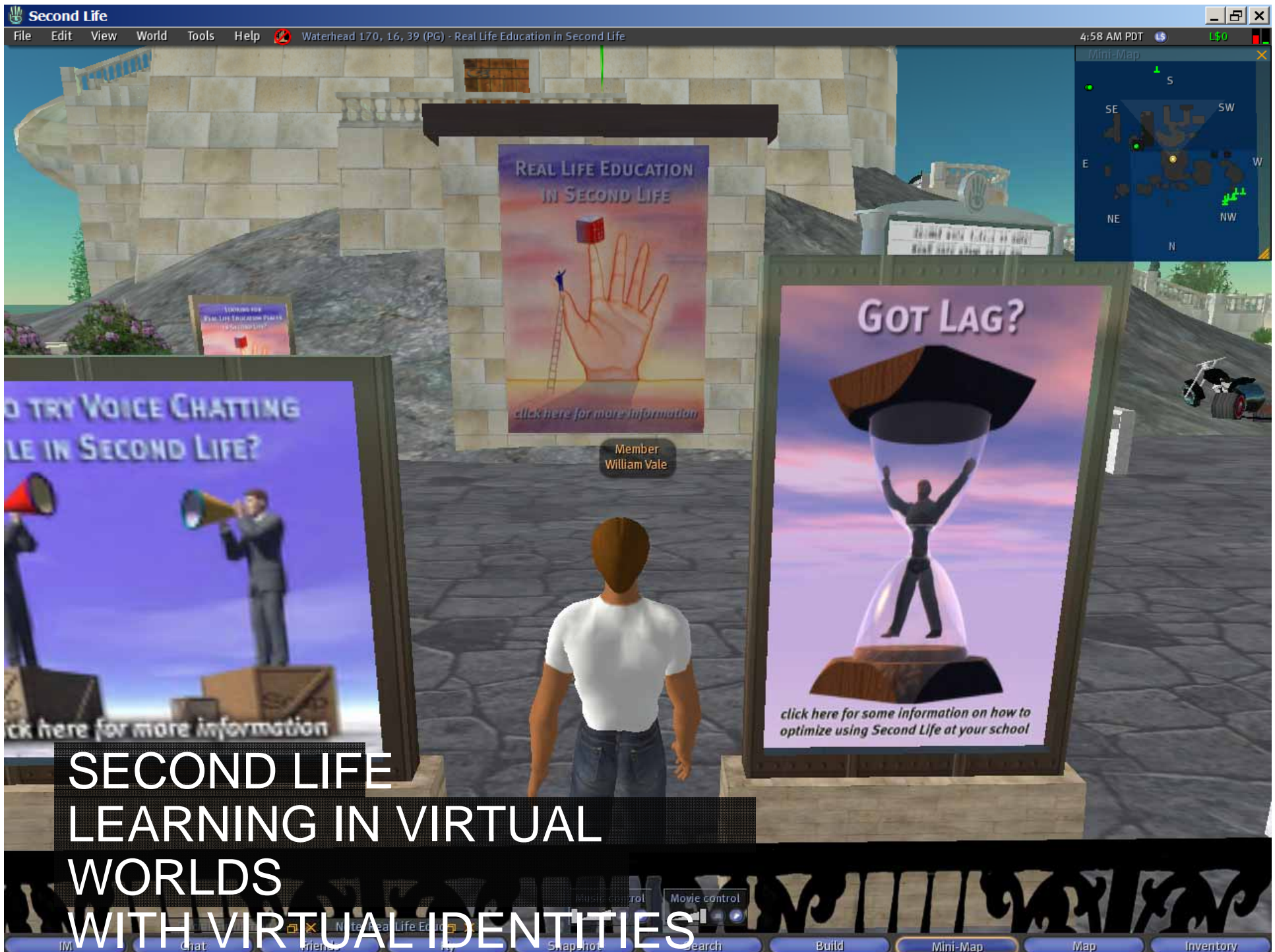
Providing
learners with
cues, hints

High time-on-
task

Immersion

Personalization
of learning

AND IT'S
FUN!





SECOND LIFE IMMERSIVE INTERVIEWS



SECOND LIFE
MEETING THE UNEXPECTED

Spaces for Interaction Conversations Wim Veen - Mozilla Firefox

Bestand Beyerken Beeld Geschiedenis Bladvijzers Extra Help

https://admin.vu4.acrobat.com/_af626376302/p29015272/

Meest bezocht Aan de slag Laatste nieuws HQpres https://admin.vu4.ac... SK Database

Microsoft Outlook Web Access Programme_Dublin_2009.pdf (applicati... Schedule - Spaces of Interaction Spaces for Interaction Conversat...

veen.jpg

Wim Veen: Spaces of Interaction: 2009.ppt

BLENDING MINDS2MEET

Participants (53)

- Dare Monjour
- George Siemens
- Janette
- Wim Veen
- Alan
- Alastair Craelman
- anitha devi

Conference Chat - Tag: spaces09

George Siemens: coming in from Winnipeg, Manitoba
Peter Williams: Good morning from Oklahoma, USA
helen: Helen says hello from Leeds England
Jon Dron: hi from Edmonton, Canada
Betty Collis: Now I have audio, Cheers from Punta Gorda FL
George Siemens: Wim - your audio is coming through nice and clear
anitha devi: Clear sound
Jllyner: Good afternoon from Dublin, Ireland
Bill Graziadei: @Wim audio fine @janette no audio
Joachim Wetterling: Good afternoon from Enschede, NL
Bill Graziadei: yes
Keith Quinn: Hi Folks, sorry I'm late. Good afternoon from Scotland
Frank: Good morning from Williamsburg VA
Marie-Joelle Browaeys: Hi all!
Wim Veen: Hi George, good to see you again
George Siemens: @Wim - looking forward to your session!
George Siemens: still have pleasant memories of the aftern you spent with your grad students giving me a tour of Utrecht...
Betty Collis: I have no Talk button

VIRTUAL CONFERENCE USING ADOBE CONNECT

Start Downloads Skype™ - wim... InMo Trends My Documents 4 Microsoft O... VEDNspacesof1... Abo University... CSEDUPortugal... Presentation2 WW



THE DIGITAL EMILY PROJECT




Plate (Real Emily)

THE REAL EMILY

Twitter / Home - Mozilla Firefox

Bestand Bewerken Beeld Geschiedenis Bladwijzers Extra Help

http://twitter.com/home


Home Find People Help Sign out Trends Search now


twitter


What are you doing? 140


update


Latest: Haha randstad-rail-betaal-automaat weer kapot. Reis al een week gratis. Muhahaha 2 dagen ago


 **tiamat84** is feeling depressed: 3 people cancelled on me this weekend. Im pathetic
ongeveer 1 uur ago from BeTwittered


 **tiamat84** another nice spring day here in Rdam, going to meet up with Arianne in a bit. First: shower!
ongeveer 4 uur ago from BeTwittered

 **Miekeisilief** net heerlijk gewandeld heuvel op en heuvel af@bosjes van Poot
ongeveer 5 uur ago from web

 **tiamat84** @Indirareyneart "autch" (kweenie of mn dm aankwam, maar stuur die dame maar door!)
ongeveer 18 uur ago from BeTwittered

 **tiamat84** wants to dance!! But nobody wants to! WTF is up with everybody!
ongeveer 19 uur ago from BeTwittered

 **patrickteulings** In utrecht het laatste zonnetje op het terras, lente!
ongeveer 23 uur ago from twiltterific

 **tiamat84** @Indirareyneart it is! En natuurlijk een schoolvoorbeeldcarriere na CIW. Analytisch, web, vormgeving, media. Helemaal in mn straatje

arjantoet
Profile • Settings

13 following_me 15 followers_me 22 updates

Widget
an easy way to show your tweets on another web site.

Home

@Replies

Direct Messages 1

Favorites

Everyone

Following add

Device Updates
Set up SMS updates

RSS feed

CHATTING IN CHATROO USING DIFFERENT VIRTUAL IDENTITIES

Last.fm - Listen to free music with internet radio and the largest music catalogue online - Mozilla Firefox

Bestand Bewerken Beeld Geschiedenis Bladwijzers Extra Help

http://www.last.fm/ last fm

last.fm Music Videos Radio Events Charts Music Search Log in Sign up Help English

Based on what you listen to, Last.fm recommends you new music.

What music do you like?

Type an artist Go

Why not try: Fergie, Coldplay, Finntroll, Pearl Jam or Katy Perry.

People who listen to...

Jonas Brothers
Popular this week in Netherlands

Also like...

Demi Lovato Joe Jonas Miley Cyrus

Visit Jonas Brothers's profile
For Jonas Brothers Radio, 188 videos and 374 photos

All Rock Indie Electronic Pop Metal Hip-hop Jazz Classical Country

Events
Concert listings in your area

Tina Turner
Gelredome, Arnhem
1 shout | 27 attendees
MAR 22

Peter Bjorn and John
Melkweg, Amsterdam
11 shouts | 90 attendees
MAR 26

See more events

100% FREE

NCAA MARCH MADNESS ONE AND ONLY

Last.fm Radio
We turn what millions of people listen to into the

LAST.FM FOR MUSIC SHARING

MASS CUSTOMIZATION

YouTube - FND Films - The Webcam: Plate - Mozilla Firefox

Bestand Bewerken Beeld Geschiedenis Bladwijzers Extra Help

http://www.youtube.com/watch?v=CqmausDU9o&feature=Playlist&p=78E1A69E2324950B&index=3


youtube

You Tube Broadcast Yourself™ Wereldwijd Nederlands

(0) arjantoet Account Videolijstje (0) Help Afmelden

Home Video's Kanalen Community Zoeken Uploaden

FND Films - The Webcam: Plate



Eindelijk 200 min. 4,95
Dit is pas een echte uitverkoop. Gsmweb: sim only acties
www.gsmweb.nl/telfort

REC Ads by Google

0:24 / 2:07

Rate: ★★★★★
1390 beoordelingen

Aantal keren bekeken: 158995

Delen Favoriet Afspeellijsten Markeren

Video verzenden MySpace Facebook meer

REALTONES TRUETONES POLYTONES

- 1 Oude telefoon - Oude telefoon
- 2 Reveille - Trompet
- 3 Deze meneer... - Station Oproep
- 4 Baby-Mama mama
- 5 Telefoon 24 CTU

zoek truetone zoek

TONETASTIC €1,50 per sms, 6 p.w

Advertentie

FNDFILMS DOT COM

Fronk2107
4 november 2006
(meer info)

Abonneren

Vinny finds Aaron's plate on the desk which he hasn't cleaned up for over a week. More @ www.fronkndegofilms.com or www.fndfilms.com

URL
<http://www.youtube.com/watch?v=CqmausDU9o>

Insluiten
<object width="425" height="344"><param name="n

Meer van: Fronk2107

Afspeellijst Alles afspelen Volgende afspelen

The Webcam Afspelen in willekeurige volgorde

1 FND FILMS - THE WE... 2:22
Fronk2107

USING VIDEO CLIPS FOR




Vid: x L o r / l s L h z j p n | 1

Een videoreactie plaatsen

About - Creative Commons - Mozilla Firefox


Bestand Bewerken Beeld Geschiedenis Bladvijzers Extra Help

http://creativecommons.org/about/ creative commons

  **Search**
CC Licensed Work  **License**
Your Work

Home About FAQ Donate Wiki Projects International Contact

About



Creative Commons is a **nonprofit** corporation dedicated to making it easier for people to share and build upon the work of others, consistent with the rules of copyright.

We provide **free** licenses and other legal tools to mark creative work with the freedom the creator wants it to carry, so others can share, remix, use commercially, or any combination thereof.

[Learn More](#)

History
Learn more about the history of Creative Commons.

Licenses
Learn about our free licenses.

Press Room
Press releases, news, and photos.

Videos and Comics
Videos and comics about CC.

International
Select a jurisdiction
[More information](#)

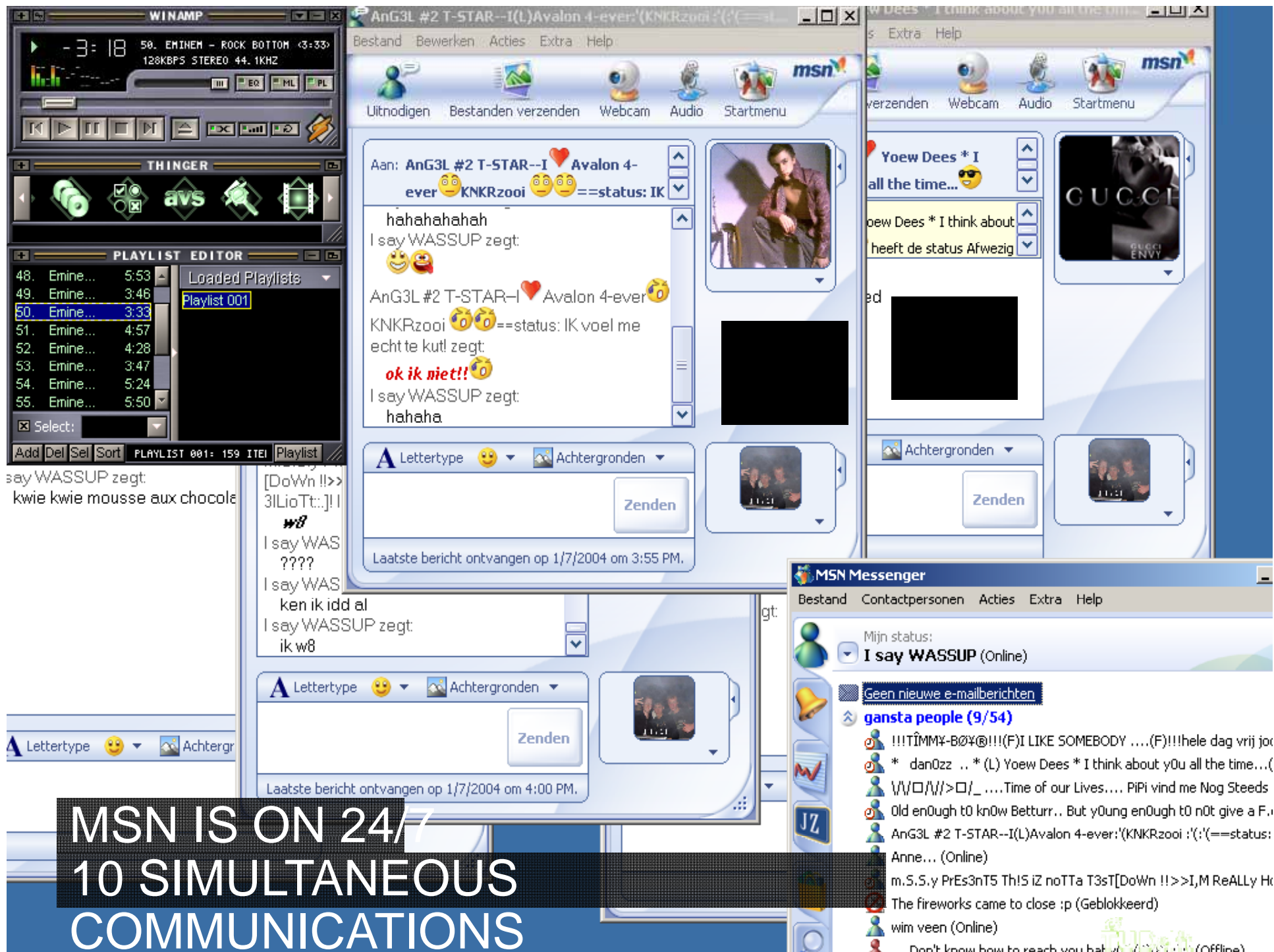
Search

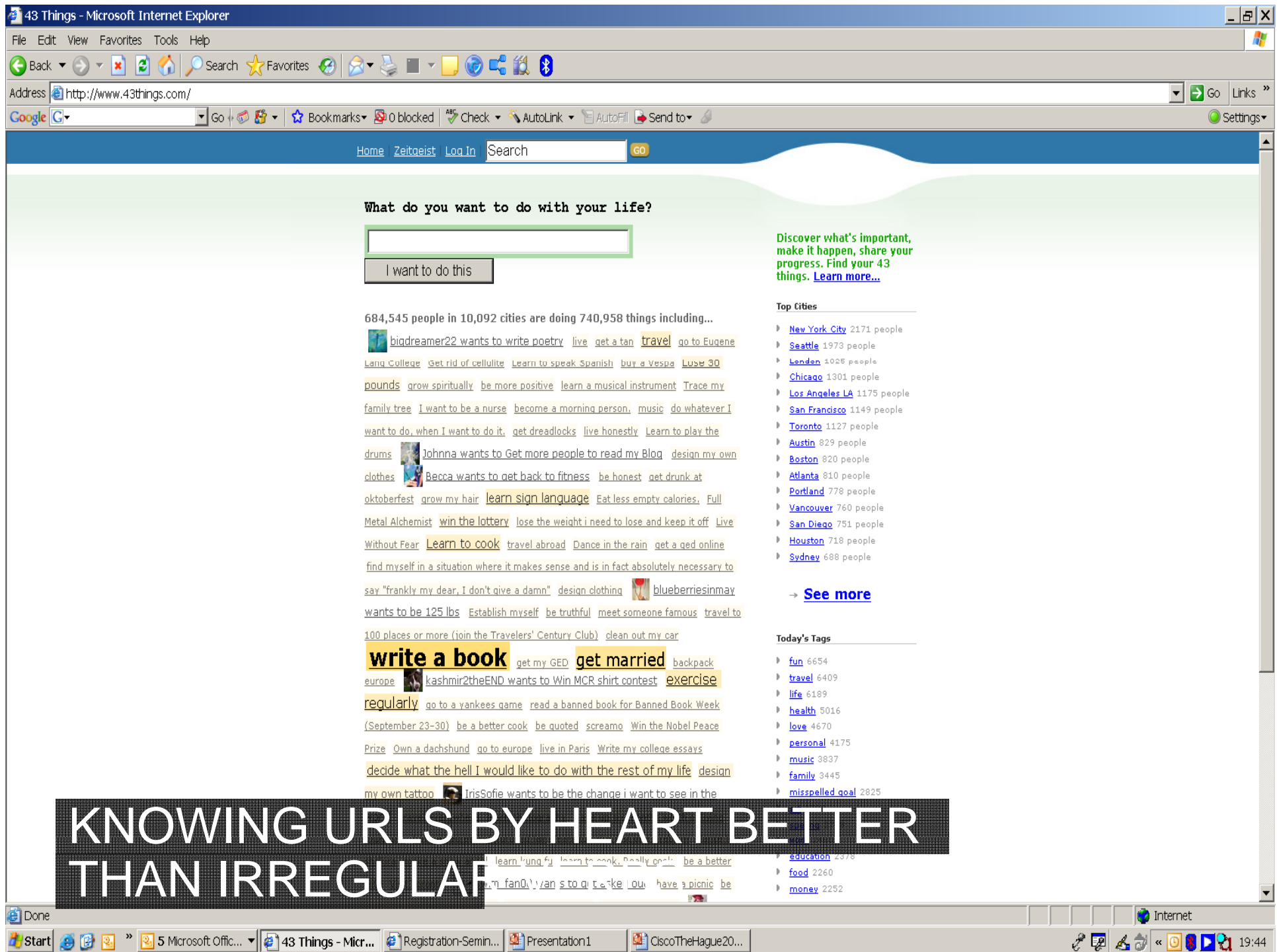
What is CC?
[History](#)
[Downloads](#)
[Press Room](#)
[Stay Informed](#)
[Videos and Comics](#)
[People](#)
[Alumni](#)
[Opportunities](#)

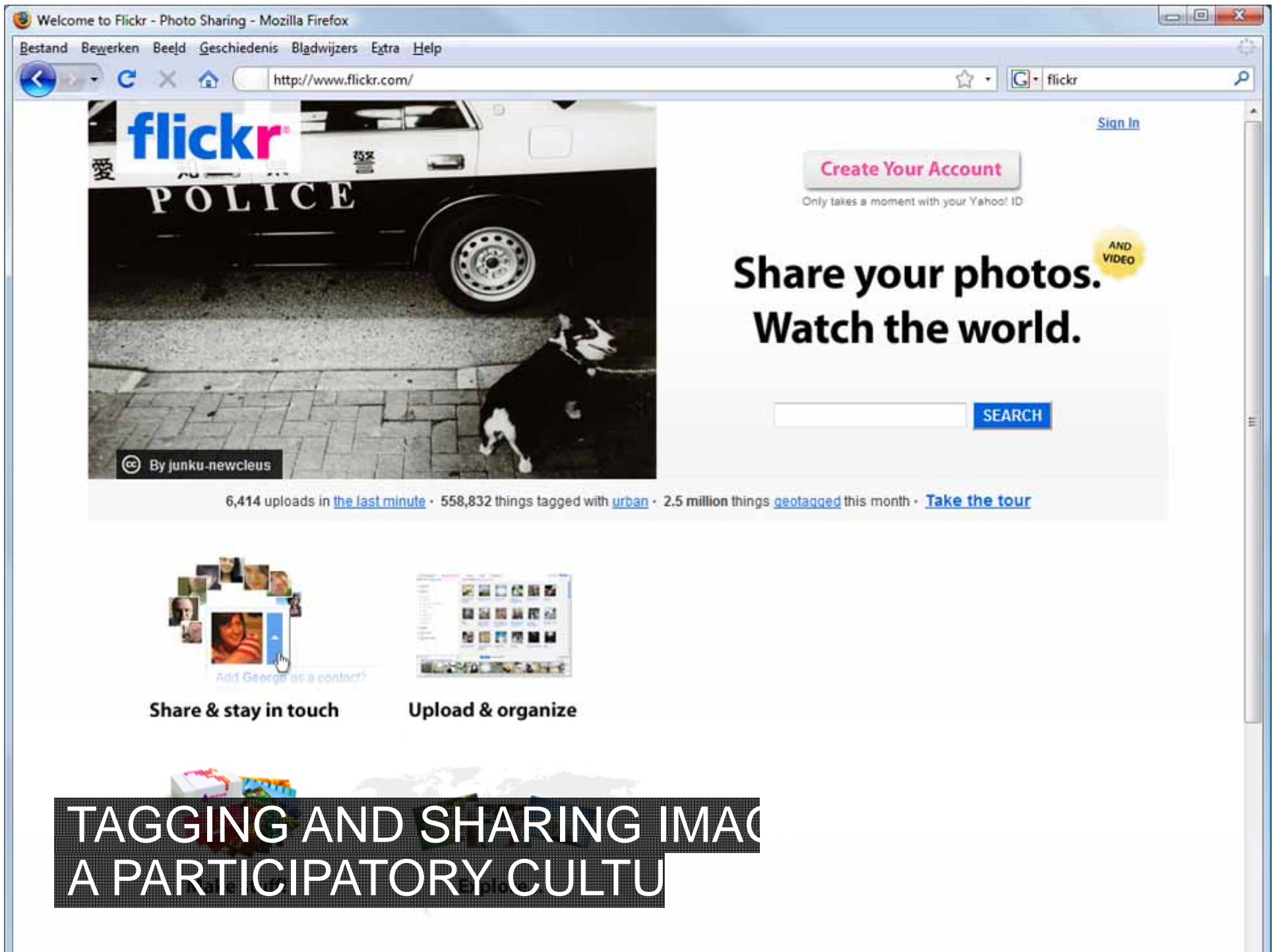
Creative Commonsers
[Documentation](#)
[Case Studies](#)
[Events](#)
[Newsletter](#)
[Press Room](#)

The Commons
[ccInternational](#)
[ccLearn](#)

SHARING AND MANIPULATING FILES FOR







Welcome to EveryScape - Mozilla Firefox

Bestand Bewerken Beeld Geschiedenis Bladwijzers Extra Help


http://www.everyscape.com/ everyscape

EveryScape.com
Your Real Business. Online.




Business Solutions Partners & Distribution Employment Opportunities About EveryScape

[Explore Local Search](#)

By Connecting Business Owners with WebScape Architects to create WebScapes



Business Owners:
Discover how EveryScape drives New Customers to your business


-  **Hospitality & Travel**
-  **Local Businesses**
-  **Restaurants & Nightlife**

Inside EveryScape
Technology | Products | Culture

[Visit EveryScape's Official Blog](#)

Partnerships
Enhance your website with our flexible API

EveryScape Local Search

 [Explore Now!](#)

Reason #62:
Visiting the gas pump isn't any fun.

SHARING PICTURES LEADING TO NEW APPLICATIONS

Aspen
Beaver Creek
Breckenridge

Maui
Massachusetts
Boston

Peninsula
Hill Country
Texas
Austin
Dallas
Washington, D.C.

Job Opportunities
Ambassador Program
Resellers Program

Partners & Distribution
EveryScape API

About Us
Overview
In the News
EveryScape FAQ
EveryScape Blog
Press Releases
Management
Investor Relations
Contact Us



MY SPACE... MY
LANGUAGE



Autistic
behaviour

Shallow
learning

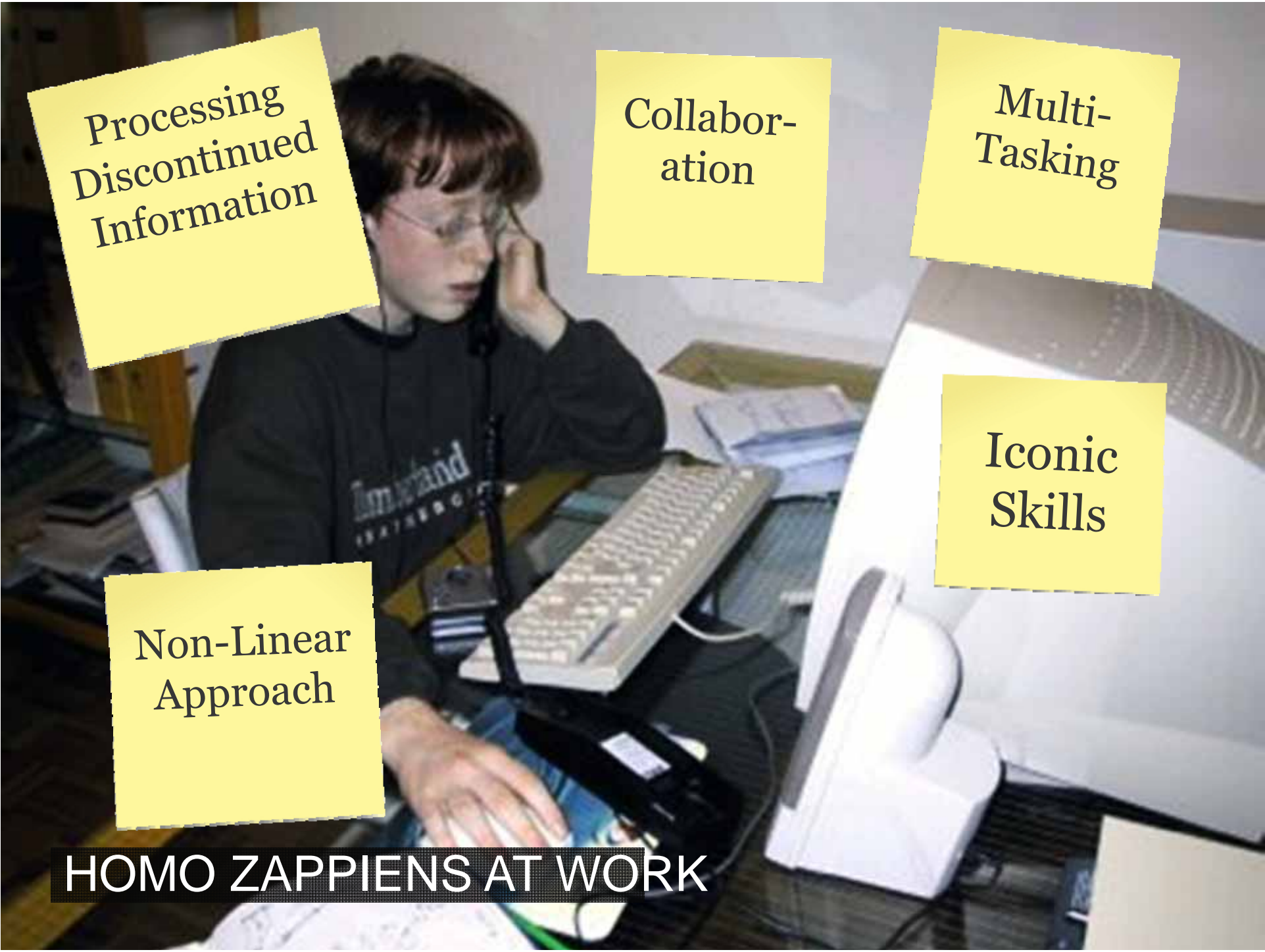
Copy –
paste

Lack of...

concentration
discipline
sports activities

Internet and
computer are
to blame

CONCERNS ABOUT HOMO
ZAPPIENS

A photograph of a person with short brown hair and glasses, wearing a dark long-sleeved shirt, sitting at a desk. They are talking on a black corded telephone and their right hand is on a computer mouse. A large, beige CRT monitor is in front of them, and a keyboard is on the desk. The background is slightly out of focus, showing a typical office or home workspace. Five yellow sticky notes with black text are overlaid on the image, and a black banner with white text is at the bottom.

Processing
Discontinued
Information

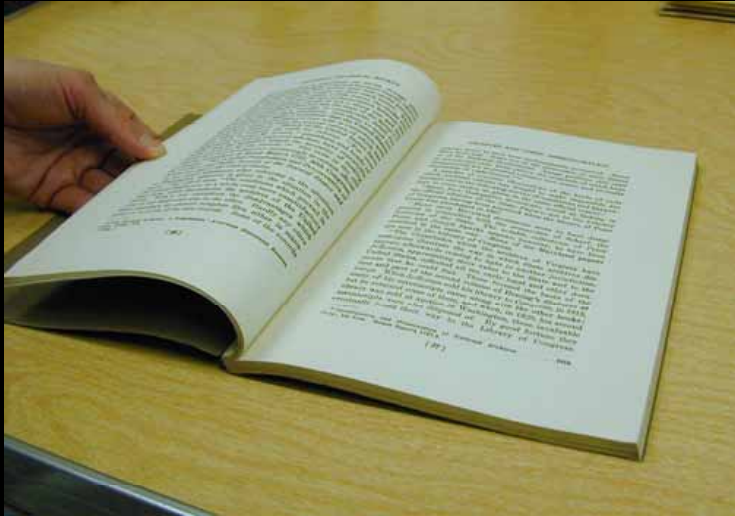
Collabor-
ation

Multi-
Tasking

Iconic
Skills

Non-Linear
Approach

HOMO ZAPPIENS AT WORK



INTERPRETING <
 EVERYTHING IS OF SAME
 <
 IMPORTANCE
 OBJECT <
 BOOK IS STATIC <
 ALWAYS SAME END <
 ONE WAY
 COMMUNICATION <
 READER IS SPECTATOR <



> CONFIGURING
 > CHOOSING DIFFERENT PATHS,
 OPPORTUNITIES
 > OBJECT AND PROCESS
 > GAME IS DYNAMIC
 > MULTIPLE ENDS
 > GAMES ARE
 COMMUNITIES
 > PLAYER IS IMMERSED
 > TRANSPORTATION OF
 PERSON

DIFFERENT MEDIA LEAD TO...



...DIFFERENT SKILLS

REDUCING SCARCITY OF...
INFORMATION
COMMUNICATION

AND JUST STARTING
REDUCING SCARCITY OF PRESENCE

HOMO ZAPPIENS LEARNS DIFFERENTLY...

HOMO ZAPPIENS HOMO SAPIENS

TWITCH SPEED < > CONVENTIONAL SPEED

MULTI TASKING < > MONO TASKING

NON LINEAR APPROACHES < > LINEAR APPROACHES

ICONIC SKILLS FIRST < > READING SKILLS FIRST

CONNECTED < > STAND ALONE

COLLABORATIVE < > COMPETITIVE

ACTIVE < > PASSIVE

LEARNING BY EXTERNALISING < > LEARNING BY INTERNALISATION

INSTANT PAYOFF < > PATIENCE

FANTASY < > REALITY



HOMO ZAPPIENS DEVELOPS META COGNITIVE SKILLS

1. ENQUIRY BASED APPROACHES
2. NETWORKED LEARNING
3. EXPERIENTIAL LEARNING
4. COLLABORATIVE LEARNING
5. ACTIVE LEARNING
6. SELF ORGANISATION
7. PROBLEM SOLVING STRATEGIES
8. EXPLICITING KNOWLEDGE TO
OTHERS

HOMO ZAPPIENS' REFERENCE FRAMEWORK

IS DIGITAL AND MULTIMEDIA ORIENTED



IS MENU, KEYWORDS, AND TAGS ORIENTED



RELIES ON CHALLENGE, CREATIVITY, AND SELF-ESTEEM

...TRAINING INSTITUTIONS ARE ANALOGUE
AND MOSTLY LINEAR



Ranking

Categorizing


Applying

Abstracting

Integrating

Structuring

TRADITIONAL LEARNING IS PLANNED BY
TEACHERS CREATING LINEAR LEARNING
ACTIVITIES

A group of students are gathered around a laptop in a classroom setting. One student is pointing at the screen while others look on. The scene is brightly lit, likely from a window in the background.

Aggregating
distributed and
discontinued
information

Stay current with
peers in
networks where
each hold a part
of the knowledge

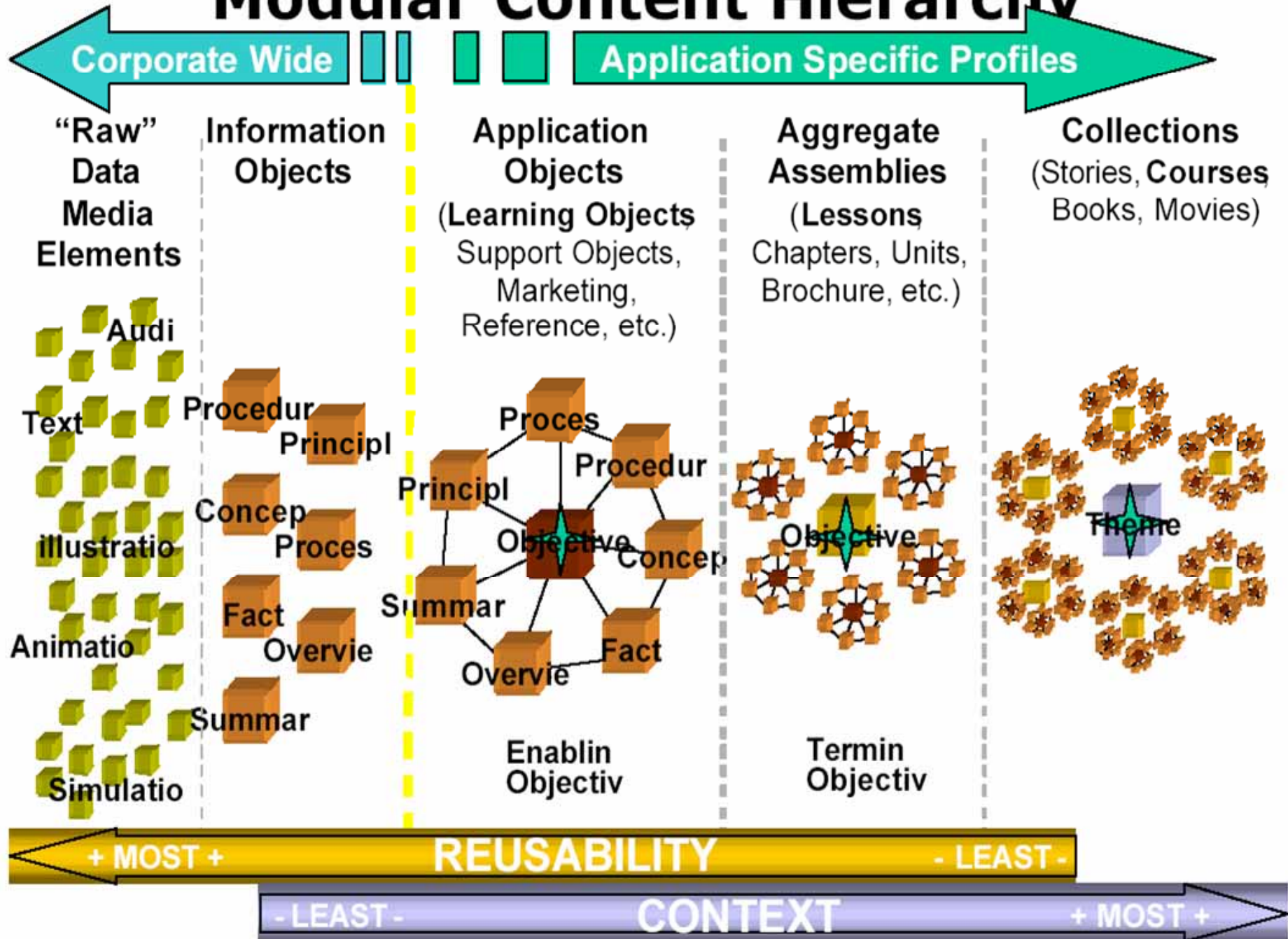
Sharing
knowledge

Prosumption

LEARNING DIGITALLY IS LEARNING BY...

LEARNING IS ABOUT CONNECTING AND
MANIPULATING FACTS, AND GIVING MEANING TO
THEM TOGETHER WITH OTHERS

Modular Content Hierarchy



Open Course Ware: Home - Mozilla Firefox

Bestand Bewerken Beeld Geschiedenis Bladwijzers Extra Help

http://ocw.tudelft.nl/ Google

TU Delft
Delft University of Technology

Home | Sitemap | Contact | Search

OPEN COURSE WARE

Open Course Ware > Home

[back](#) [print this page](#)

Welcome to TU Delft OpenCourseWare (OCW)

TU Delft OpenCourseWare is a free and open digital publication of high quality educational materials, organized as courses.

Delft University of Technology (TU Delft)
Delft University of Technology is the largest and most comprehensive university of engineering sciences in the Netherlands.

TU Delft develops technologies for future generations, focusing on sustainability, safety and economic vitality.

TU Delft OpenCourseWare

- does not require any registration
- is not a degree-granting or certificate-granting activity
- does not provide access to TU Delft facilities.

The first MSc programs with courses in Delft OpenCourseWare are:

- [Watermanagement](#)
- [Microelectronics](#)
- [Offshore Engineering](#)
- [Sustainable Development](#)
- [NanoScience](#)
- [BioMechatronics](#)

Weblog
If you are interested in our OCW-project and website, you can also take a look at our weblog at [opencourseware.weblog.tudelft.nl](#). Our subscribe to the [weblog feed](#).

Latest messages

- [Executive Director for the OpenCourseWare Consortium](#)

Challenge the future
"TU Delft is dedicated to finding sustainable solutions for social problems. The university's core tasks include delivering know-how and building knowledge networks in an international context.
OpenCourseWare is one of the means by which we are contributing to this mission"
Jacob Fokkema,
Rector Magnificus

OCW CONSORTIUM
Visit [other Opencourseware sites](#) from around the world.

CC BY NC SA
This work is licensed under a

**CONTENT AS FREEWARE
OPEN COURSEWARE**



- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)
- [Donations](#)

search

Go Search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)

From Wikipedia, the free encyclopedia.


Welcome to [Wikipedia](#), the free-content encyclopedia that [anyone can edit](#).
In this English version, started in 2001, we are currently working on **528962** articles.

[CULTURE](#) | [GEOGRAPHY](#) | [HISTORY](#) | [LIFE](#) | [MATHEMATICS](#) | [SCIENCE](#) | [SOCIETY](#) | [TECHNOLOGY](#)
[Browse Wikipedia](#) · [Article overviews](#) · [Alphabetical index](#) · [Other category schemes](#)



[Other languages](#)
[FAQs](#) | [Table free](#)

Today's featured article



Colditz Castle is a **castle** in the town of **Colditz** near **Leipzig, Dresden**, and **Chemnitz** in the **Bundesland (province)** of **Saxony** in **Germany**. Used as a **workhouse** for the indigent and a **mental institution** for over 100 years, it became notorious as a **Prisoner of War camp** for "Incorrigible **Allied** officers who had repeatedly escaped from other camps" and the *Deutschfeindlich* (anti-Germans) during **World War II**. The **Nazi Schutzstaffel** made Colditz a *Sonderlager* (high security **prison**), the only one of its type within Germany. **Hermann Göring** even declared Colditz "escape proof." This was in part because of its lack of escapes during its term as prison camp in **World War I**, but mostly due to it being the only German **POW** camp with more guards than prisoners. Yet despite this audacious claim, there were multiple escapes by **British, French, Polish, Dutch**, and **Belgian inmates**.

Recently featured: [Names of God in Judaism – Tamil – Timpani](#)

[Archive](#) – [By email](#) – [More featured articles...](#)

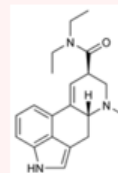
Selected anniversaries

April 16:

- **1746 - Battle of Culloden:** In [Scotland](#), the final battle of the [Jacobite Rising](#).
- **1917 - Vladimir Lenin** returned to [Petrograd](#) from exile in [Finland](#).
- **1935** - The [radio](#) program ***Fibber McGee and Molly*** debuted.
- **1943** - Dr. [Albert Hofmann](#) discovered the [psychedelic](#) effects of **LSD**.
- **1947 - Texas City Disaster:** Thousands of tons of [ammonium nitrate](#) in [Texas](#) City's port exploded.

Recent days: [April 15](#) – [April 14](#) – [April 13](#)

[Archive](#) [More historical anniversaries...](#)



In the news

- **Andrus Ansip** of the **Estonian Reform Party** becomes the new **Prime Minister** of **Estonia**.
- **MareNostrum** at the **Barcelona Supercomputing Center** in **Spain**, the most powerful **supercomputer** in **Europe**, is **booted up** for the first time and is now available for use by the international scientific community.
- The **death toll** in the **Marburg virus outbreak** in **Angola** exceeds 200.
- The **election of a new secretary general** of the **Organization of American States** ends in **stalemate**.

[Wikinews](#) · [Recent deaths](#) · [More current events...](#)

Did you know...

From Wikipedia's [newest articles](#):

...that **Queen's Gambit Accepted** is a chess opening in which Black takes a White pawn after two moves, but is not a real gambit because Black cannot count on keeping his advantage?

...that actor [Philip Ahn](#) was the first child of [Korean](#) ancestry to be born in the [United States](#)?

...that **Boneless Fish** is a Japanese frozen food made from fish, which is deboned by hand and then glued to its original shape using a food-grade enzyme?

...the [callsign](#) of [KFRC](#) in [San Francisco, California](#) in the U.S. stood for "Known For Radio Clearness"? In fact, when the [AM radio station](#) signed on with 50 [watts](#) in [1924](#), it was heard as far away as [New Zealand](#), far exceeding anyone's expectations.

[Archive](#) · [Start a new article](#)

USER GENERATED

CONTENTS

Ernie

Manage Mentor

Middleware CAS

GBS kpmgt

Contacts

- BNLX Management
- Erik
- Rick
- Sandra
- Daniel
- Richard
- + CAS
- + GBS
- + kpmgt
- + private
- + Downstream
- + Running
- + Teams
- Contact requests
- ! Client solution
- + Requested contacts

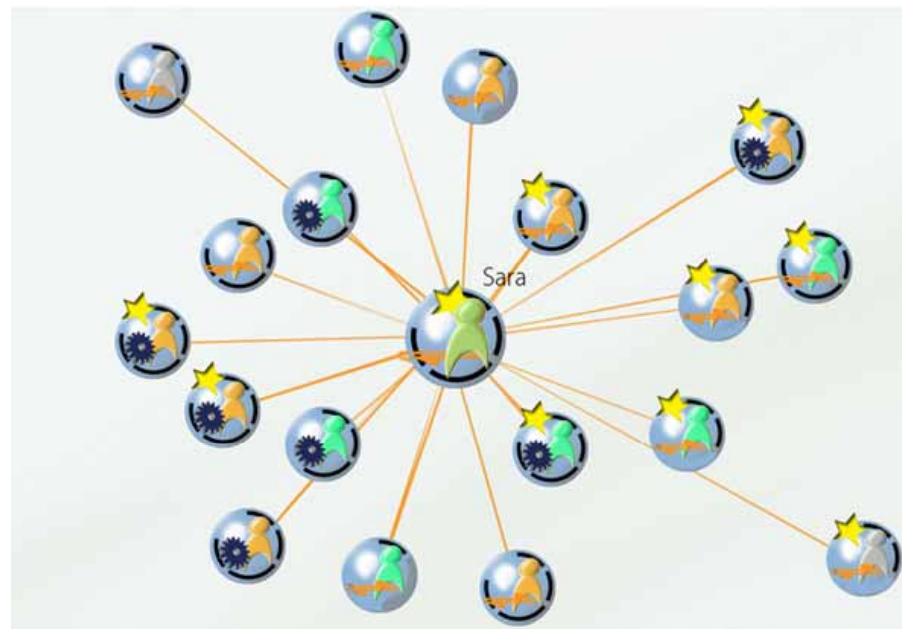
Type here....

Send

Search Enter your query here **GO!** Advanced search

Clicks Sara

People to People People to Data Data to Data



Recently viewed

My network map

+ Collaboration

+ Solutions

Open Safe Publish

INNOVATIVE TOOLS FOR
LEARNING AT THE

INFO: Senior Lunch

NEW: GBS instant TtW

NEW LE

Hier nog een voorbeeld van de Shell game van TUD



CONTENT:
PROF. DR. WIM VEEN



DESIGN:
MSc. ARJAN TOET

