Concept mapping examples

April Colosimo & Megan Fitzgibbons
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Literary Analysis Web: The Glass Menagerie by Tennessee Williams
Archetypal Themes

- Imitation
  - Sir Gawaine
  - Frodo Baggins
  - Hina myth
  - Pi Patel
  - Cinderella
  - Harry Potter

- Death and Rebirth
  - classical
  - modern

- Quest
  - classical
  - modern
  - Sir Galahad
  - Spiderman
  - Beowulf
  - Luke Skywalker
  - dragon’s teeth
  - Gollum

- Hero
  - classical
  - modern

- Obstacle
  - classical
  - modern

- Outcast
  - classical
  - modern

Reading Strategies Mind Map: Understanding Archetypes
Impact of advertising on teen smoking

- Marketing campaigns
  - Surgeon general
- Counter campaigns
- Psychological factors
  - School programs
  - Peer pressure
  - Rebellion
- Statistics on teen smoking
  - Canada
  - United States
First concept map, students

- Parking Lot
  - Birds
    - Fly
    - Feathers
    - Hollow Bones
    - Eggs
    - Two Wings
    - Beaks
    - Insulation
    - Light body Weights

- What are birds?
- 14 concepts
  - Range from
  - General
  - Specific
    - Food
    - Rapid Digestive Systems
    - Warm-Blooded Animals
    - Constant Body Temperature

Active learning
Assignment, Student

begrippen

- Visueel schema
- Concept map
- Mindmap
- Tony Buzan
- Joseph Novak
- Web
- Top - Down
- Links - Rechts

werkwoorden op pijl

- bedacht door
- is
- heeft als vorm

[meer]
Concept map of information sources

What is the relationship between political participation and religious affiliation?

George

Previous research studies

in the form of

Books
found in
Catalogue
Bibliographies

Scholarly articles
found in
Databases

John

Public opinion polls

Evidence to support argument

online data

Gallup polls
ESS

News articles
found in
Databases
Websites

Paul

Bibliographies
Communication

Academic research paper
Requires students to

Plan strategy
by defining
- Topic
- Pre-existing knowledge

Access Information
by
- Executing effective search strategies
- Revising strategies when needed
- Selecting appropriate resource

by understanding
- Keywords to search
- Gaps in knowledge

Characteristics of information retrieval tools
- Characteristics of information items
- Types of materials needed

Research question
Shielding from Radiation, Teacher
Master Learning & Innovation, Student

Professionals in het onderwijs

waardering

profielkennis is kwetsbaar

verdienen

verloren

aanwezigheid streefafspraak

maatschappelijke veranderingen

professionele leergemeenschappen

reflectieve dialoog

collectief leren

primair doel: het leren van leerlingen

integratieve kennis en vaardigheden

nadenken diepgaand leren en authentieke pedagogie

hindermaken

geschil, verhoudens

zelfreflectie

handvoeren organisatie

delen van instanties en autoriteiten

ruimte in het curriculum?
Summary of research, teacher

Teaching

Pieter Carper
Evolution of the pathogen *Mycobacterium avium* subsp. *paratuberculosis*
Evolution of the pathogen *Mycobacterium avium* subsp. *paratuberculosis*
Evolution of the pathogen *Mycobacterium avium* subsp. *paratuberculosis*

- *Mycobacterium avium*
- "*M. avium*
- *paratuberculosis*
- *M. avium*
- Virulence factors
- Pathogen*
- Virulence
- Toxin*
- Disease*
- Virulent
- Infection*
- Etc...
Mind map (Buzan)
Spidergram

Info Literacy Maps

possible implementation

mind maps or concept maps

collaboration

would be helpful for multiple people to edit one map
would be nice to publish online

+collaboration
might get stuck in a service

online service
import/export files?
what formats?
other programs
other ways to publish

concept maps only

+collaboration: public servers
link and organize files
link maps
well-developed methodology
+drilldown
(loosely) tied to service
share feature limited
html limited
export freemind files?

xmind
export to other formats?
own format
zipped xml
attractive styles
really common format
could be used with other tools
xml
can put on an existing website
can link to other maps

course
info literacy
parallel maps
maps are linked

communication between professor and librarian
Many other types of maps

A PERIODIC TABLE OF VISUALIZATION METHODS

<table>
<thead>
<tr>
<th>Category</th>
<th>Visualization Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Visualization</td>
<td>Visual representation of quantitative data in schematic form (either with or without axes)</td>
</tr>
<tr>
<td>Strategy Visualization</td>
<td>The systematic use of complementary visual representations in the analysis, development, formulation, communication, and implementation of strategies in organizations.</td>
</tr>
<tr>
<td>Information Visualization</td>
<td>The use of attractive visual representations of data to simplify cognition. This means that the data is transformed into an image, it is realized in a screen space. The image can be changed by users as they proceed working with it.</td>
</tr>
<tr>
<td>Metaphor Visualization</td>
<td>Visual metaphors broaden information perception to augment and structure information. They also convey an insight about the represented information through the key characteristics of the metaphor that is employed.</td>
</tr>
<tr>
<td>Concept Visualization</td>
<td>Methods to elaborate (mostly) qualitative concepts, ideas, plans, and analyses.</td>
</tr>
<tr>
<td>Compound Visualization</td>
<td>The complementary use of different graphic representations in one single scheme or frame.</td>
</tr>
</tbody>
</table>

Note: Depending on your location and connection speed it can take some time to load a pop-up picture.

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version 1.5
The Research Process

Assignment

TOPIC

Term Paper

Know & Plan

Communication

Use

Evaluate

Access

Assess

Assess

Assess

Assess

Information Universe
GLIS 637 Concept Map
Mobile mapping
Mobile mapping

Thinking Space

Developer: C Chilton

Portable Mind Mapping has never been so much fun! Create visual mind maps that help organize and plan your activities and ideas. * Awesome mind mapping tools (links, notes, colors, icons). * Great for study, meetings, tasks, planning, go well study, organize, revision, learn, brainstorming, studying more study
Information Retrieval

Google Wonder Wheel - great tool
Results 1 - 25 of 120,890 for communism, sorted by: relevance

Your query has been expanded with: Communism and Judaism (subject), Communism and Zionism (subject), Marxism (subject), Bolshevism (subject)

   Epstein, Melech
   New York, Trade Union Sponsoring Committee [1959]
   Found: and (4) Communism (3) Jewish (2) communists (1)

   Epstein, Melech
   New York, Trade Union Sponsoring Committee [1959]
   Found: and (4) Communism (3) Jewish (1) Zionism (1)

3. The myth of Jewish communism: a historical interpretation / André Gerrits.
   Gerrits, André.
   Brussels ; New York : P.I.E. Peter Lang, c2009.
   Gods, humans, and religions ; no. 16
   Found: Communism (2) Jewish (2) and (1) communists (1)

Save or tag...
Parking Lot

Theses
Books
Journals
Library Catalogue
Databases
Boolean operators
Articles
E-books
Research topic
Interlibrary loan
What type of information will I find in the Library Catalogue?

**Library Catalogue**
- includes
  - Books
    - includes
      - E-books
    - Databases
      - index
      - may include
        - Theses
          - contain
            - Articles
  - Journals

**Parking Lot**
- Theses
- Books
- Journals
- Library Catalogue
- Databases
- Boolean operators
- Articles
- E-books
- Research topic
- Interlibrary loan

McGill Library

Information ◆ Innovation ◆ Service
Credits

Open Access concept map by Laura Briggs,
http://www.ualberta.ca/~lbriggs1/briggs/openaccess.html