

Curriculum Mapping

How do we know we are doing it right?

From *Mapping Curriculum* by Heidi Hayes Jacobs

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The "Job-Ad" Template with Descriptors

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Familiar (like Programmes)

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Figure One: An Example of a Concept Map
(From *The Institute for Homes and Nuclear Capabilities*)

Introduction

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What is Curriculum Mapping?

A Bit of Background

- Heidi Hayes Jacobs
- Extensive use in US
- Since late 1990s
- Others related to improving outcomes on Standards (non-negotiable curriculum)

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But Different (richer data)

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Oxley College Scenarios

- Year 7 - Spelling & Peer Tutoring
- Year 8 - English & Forensics
- Year 9 - Sustainability
- Year 10 - Maths & Science

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What is Curriculum Mapping?

- Calendar-based curriculum mapping is a procedure for collecting and maintaining a data base of the operational curriculum in a school and/or district.
- It provides the basis for authentic examination of the data base.

from Heidi Hayes Jacobs

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Heidi Hayes Jacobs

The Classic Curriculum Map

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Ancient Egypt in 5 Weeks

It's not like we don't have things out already...

Choosing the Software

Options for Curriculum Mapping

- Centralized vs. Network Drives
- Docs vs. Online
- Active Rubicon vs. Curriculum Connector
- Integrated Back Outcomes
- Getting started

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Why Use CM?

- Gain information
- Avoid repetition
- Identify gaps
- Locate potential areas for integration
- Match with learner standards
- Examine for timeliness
- Edit for coherence

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What information do we collect initially on a map?

- CONTENT
- SKILLS
- ASSESSMENT

from Heidi Hayes Jacobs

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Curriculum Mapping

from *Syllabus to a Unit of Work*

Your Turn!
begin with Content, then develop Concepts

Defining the Template

"Students learn about"

Cherry vs. Learning

Assessment Types

November 2009

Unit: Education

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Agreed upon Standards

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What is a concept? Why are they so critical to learning and to mapping?

- A concept is a relational statement that provides the focus and basis for acquiring knowledge.
- Concept based learning sustains long term recall of facts vs. isolated fact base learning.
- A concept is synonymous with the enduring understanding or big idea.

from Heidi Hayes Jacobs

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An example of a Concept Map

Refining the Template

June 2010

Unit: Education

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Agreed upon Standards

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"Mental Velcro"

Concepts

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Content

Unit: Society and Civics of the Past - Islamic World and Crusades.

Learn about (content):
Legacy of the Islamic world; results of the Crusades; architectures, medicine, numbers, use of water, etc

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as a Concept

The early Islamic world has left a legacy that is rich in cultural contributions in architecture, medicine, mathematics and the arts; uses of water, but which is complicated by the Crusades and their subsequent effects.

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Diagnosing Student Learning & Problems



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Oxley Thinkfest

- Mark Tredinnick – Artist in Residence
- Sustainability
- Academic OLE (other Learning Experiences)
- The ICT Drivers License: Powerpoint

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Stories from Oxley College

- Reactions from Staff
- P & F
- The Board of Governors

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Dufour's Questions

- What do we want the students to learn?
- How do we know when each student has learned it?
- What do we do when a student experiences difficulty in learning it?

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Policy concerning...

Where is consistency critical for our students' learning?

Where is flexibility equally as important?

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The CM Seven-Step Review Process:

1. Collecting the Data
2. First Read-Through
3. Large Like/Mixed-Group Comparisons
4. Large Like/Mixed-Group Comparisons
5. Determine Immediate Revision Points
6. Determine Points Requiring Some Research and Planning
7. Plan for Next Review Cycle

From Mapping for the Future: Integrating Curriculum and Assessment 4.2.1995. ©2003, Pearson, Inc.

from: Heidi Hayes Jacoby

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What do we want students to learn?



australian curriculum -NSW

AUSTRALIAN CURRICULUM, ASSESSMENT AND REPORTING AUTHORITY

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The Hub Effect: Linking Initiatives



from: Heidi Hayes Jacoby

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Diagnosis: Tell me where it hurts...



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Registration & Accreditation

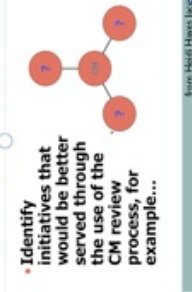
13 August 2010

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The Hub Effect

Identify initiatives that would be better served through the use of the CM review process, for example...



from: Heidi Hayes Jacoby

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Medical Opinions

Where do we start?

- Current Symptoms
- Lifestyle
- Family History
- Personal History

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Learning & Teaching



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Curriculum Mapping

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Tom Mack ICT & Learning Enthusiast
tom@oxley.com | Tom Mack's Blog oxley.academy

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Diagnosing Student Learning & Problems



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Diagnosing Student Learning & Problems



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