Learning Objects
Process Diagram

Wesleyan University
learningobjects.wesleyan.edu

PHASE I&II: REQUEST & PROPOSAL
led by PM

1 Request
Faculty has an idea for a learning object and writes to LO team.

2 Proposal
Faculty and PM develop request into proposal. PM fills out workbook sections 1-9.

LO Workbook
1. Description
2. Courses
3. Deadline
4. Context
5. Funding
6. Audience
7. Goals
8. Activities
9. Content

3 Library Search
Librarians search for existing learning tools that could meet needs of faculty member.

world wide web
other schools
repositories
Merlot
research institutions

4 Review
Review proposal, brainstorm ways of furthering learning objectives and improving upon what's out there.

Do we need a new learning object?

NO STOP

YES

PHASE III: DESIGN & CONCEPTUALIZATION
led by design lead

5 Project Definition
PM expands proposal, revising workbook and completing sections 10-16.. Designer leads design process, working with faculty and LO staff to develop layouts and prototype.

PM
Technology Review
Design
Library

Concepts
Tech Plan
Team
Risks
Estimate
Scope
Deliverables

6 Review II
Review Project Definition; technology plan discussed; design solutions and ways to meet educational goals are fleshed out in more detail.

Are there adequate resources to complete project as defined?

STOP NO

YES

7 Project Plan
PM develops project plan from project definition, completing sections 17-23 of the workbook.

Project Plan - LO workbook

17. Copy right
18. Evaluation Plan
19. Usability plan
20. Testing Plan
21. Maintenance Plan
22. Metadata
23. Project Schedule

8 Design Review & Sign off
Usability testing done if possible and design signed off.

PROTOTYPE
storyboard, wireframe modeling, animation, scripting

USABILITY

REVIEW
faculty input

PRODUCTION
graphics, programming, animation, modeling

TESTING

9 Build & Test
Design is implemented, then tested on appropriate systems, bugs fixed, etc.

PHASE IV: PRODUCTION
led by technical lead

PHASE V: PUBLISH & EVALUATE
led by PM

10 Publish / Launch
Librarians generate Meta data for learning object using LOLA. PM builds container for object using LOLA and published at learningobjects.wesleyan.edu.

world wide web
other schools
repositories
LOLA
learningobjects.wesleyan.edu

11 Assessment
Learning object is used in class and assessed for positive learning outcomes. Next revisions are outlined. PM records assignments and evaluation in LOLA .

assessment

12 Maintain and/or Redevelop
based on feedback and learning from round one. PM tracks resource files.