Review: TIE Needs Assessment
Needs and Goals
Needs and Goals

• Learning theory foundations
Needs and Goals

- Learning theory foundations
- Connection to practitioners
Needs and Goals

- Learning theory foundations
- Connection to practitioners
- Social group cohesion
Needs and Goals

- Learning theory foundations
- Connection to practitioners
- Social group cohesion
- Basic technical skills
Needs and Goals

- Learning theory foundations
- **Connection to practitioners**
- Social group cohesion
- Basic technical skills
Needs and Goals

- Learning theory foundations
- Connection to practitioners
- Social group cohesion
- Basic technical skills
Needs and Goals

• Learning theory foundations
• Connection to practitioners
• Social group cohesion
• Basic technical skills
Foundations of Learning Theory
Overview:
A modest exposure to fundamental ideas, in time to presume acquaintance in fall courses.
Foundations

• Intellectual content
Foundations

• Intellectual content
• Structure and activities
Foundations

• Intellectual content
• Structure and activities
• Schedule
Foundations

- Intellectual content
- Structure and activities
- Schedule
- Faculty participation
Content: Themes

1) Nature of learning
Content: Themes

1) Nature of learning
2) Pedagogy
Content: Themes

1) Nature of learning
2) Pedagogy
3) Learning & technology
Content: Themes

1) Nature of learning
2) Pedagogy
3) Learning & technology
4) Visions & misgivings
• Electronic reading “packets”
Nature of learning
readings from ...

Piaget
Vygotsky
Bransford et al.
Duckworth
Cognitive neuroscientist
Pedagogy
readings from ...

Bruner
Brown & Campione
Perkins
Wiske
Bielaczyc & Collins
Learning & technology
readings from ...

Scardemalia & Bereiter
Vanderbilt Group
Dede
Jonassen & Land
Visions & misgivings
readings from ...

Papert
Cuban
Gibson
Demonstration sites
• Electronic reading “packets”
Structure & Activities

- Electronic reading “packets”
- Students post questions
Structure & Activities

- Electronic reading “packets”
- Students post questions
- Submit short reflection paper
Structure & Activities

- Electronic reading “packets”
- Students post questions
- Submit short reflection paper
- Required, non-credit seminars
• Four “waves” over summer
Schedule

• Four “waves” over summer
• Consult HBS
Schedule

- Four “waves” over summer
- Consult HBS
- First three weeks at HGSE
Schedule

• Four “waves” over summer
• Consult HBS
• First three weeks at HGSE
• Practitioner seminars
Faculty participation
Faculty participation

- “Godparent” a theme
Faculty participation

• “Godparent” a theme
• Suggest readings & activities
Faculty participation

- “Godparent” a theme
- Suggest readings & activities
- Co-lead a seminar
Faculty participation

- “Godparent” a theme
- Suggest readings & activities
- Co-lead a seminar
- Conduct assessment
Foundations of Learning Theory