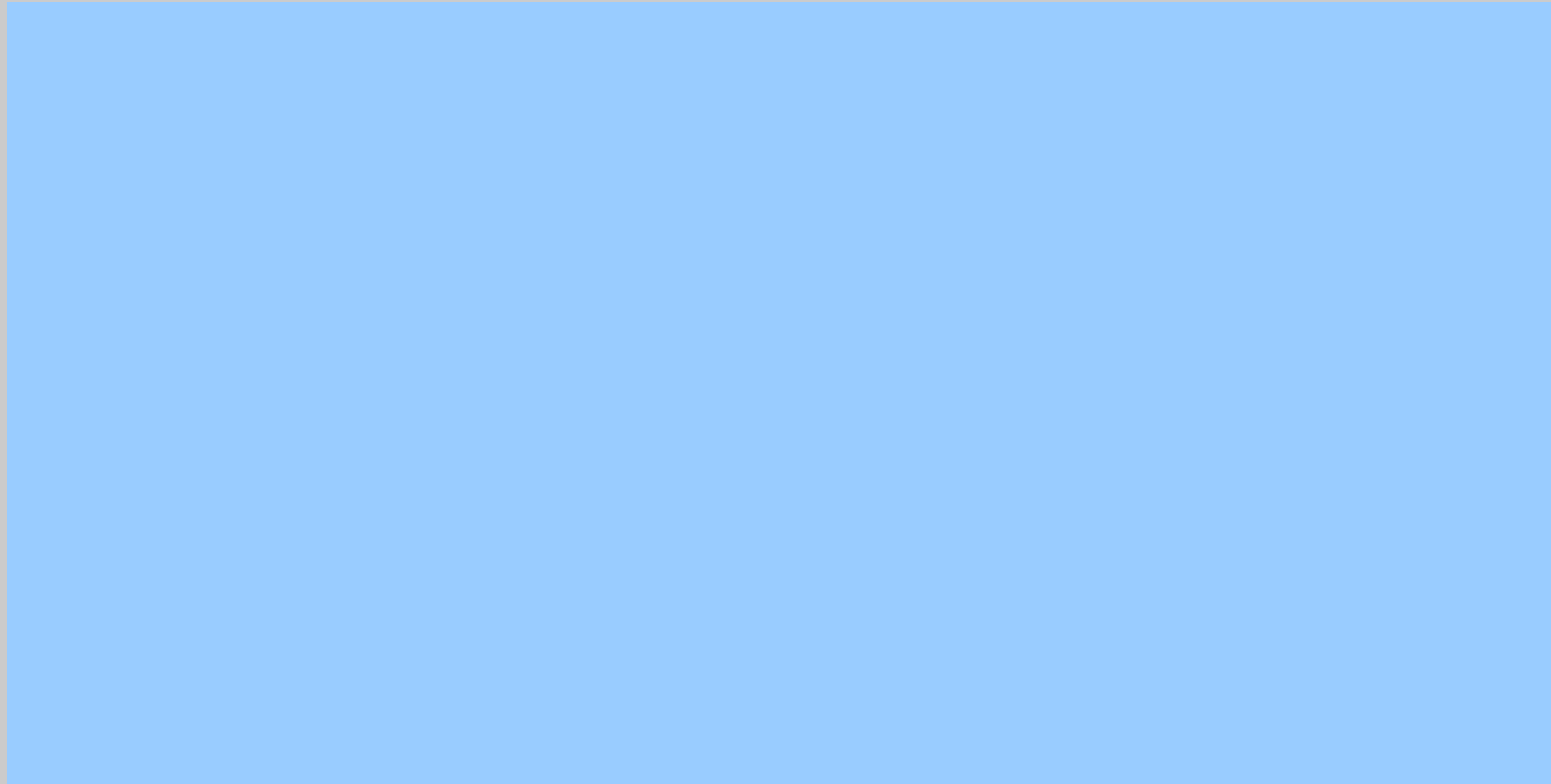




***Review:
TIE Needs
Assessment***

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

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Needs and Goals

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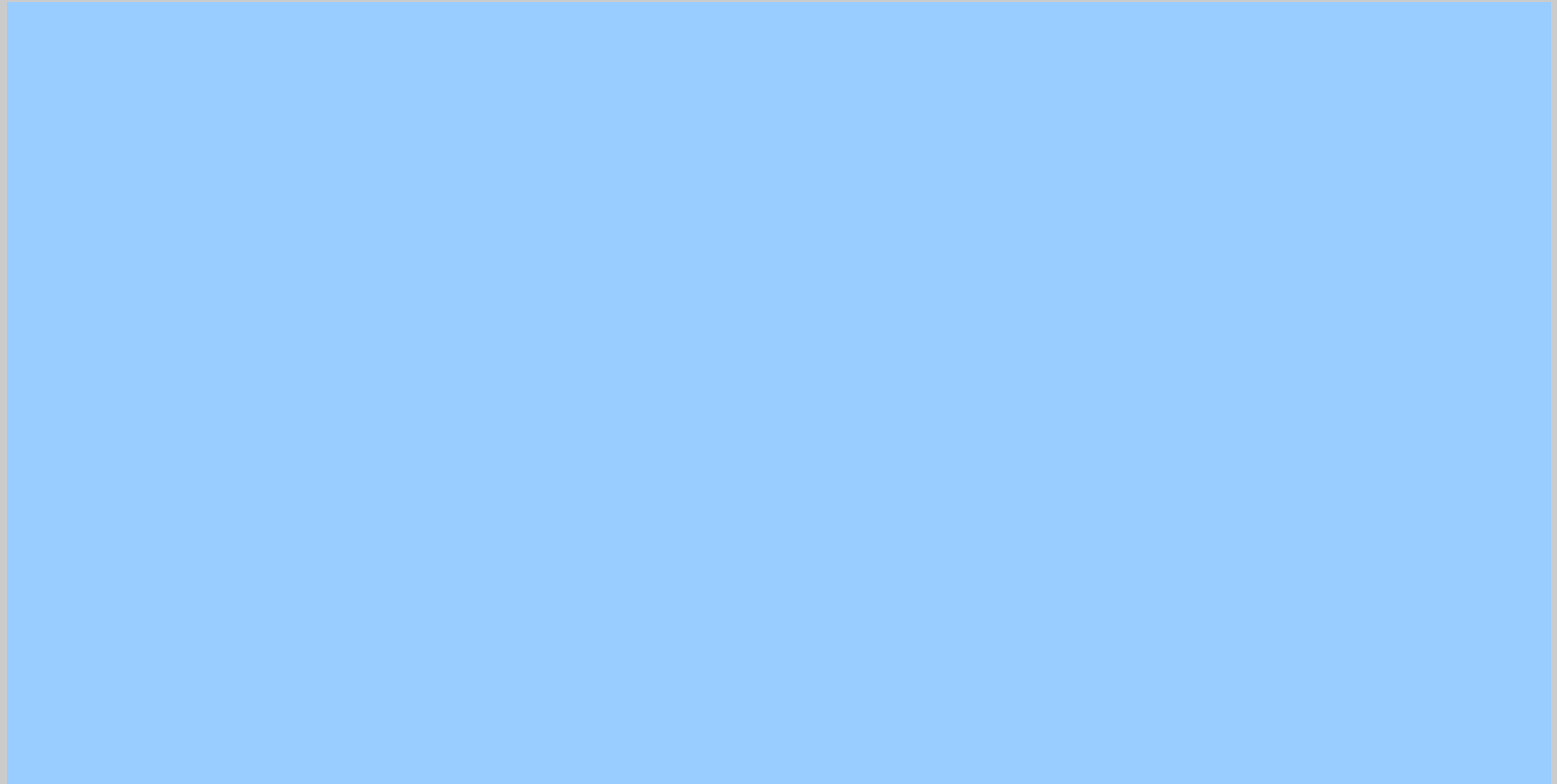
Needs and Goals

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



***Foundations of
Learning Theory***

Foundations



Foundations

Overview:

A modest exposure to fundamental ideas, in time to presume acquaintance in fall courses

Foundations

- Intellectual content

Foundations

- Intellectual content
- Structure and activities

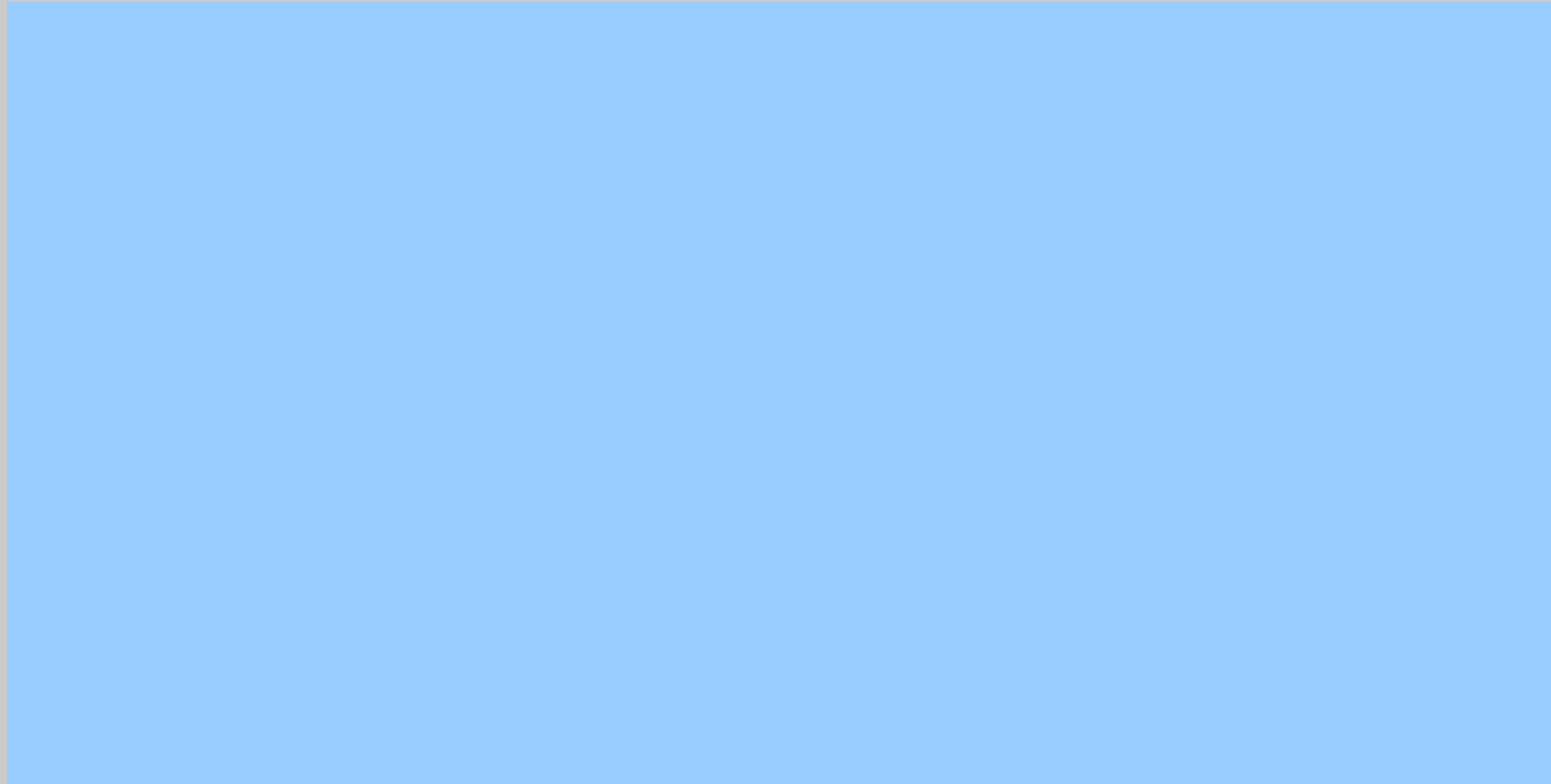
Foundations

- Intellectual content
- Structure and activities
- Schedule

Foundations

- Intellectual content
- Structure and activities
- Schedule
- Faculty participation

Content: Themes



Content: Themes

1) Nature of learning

Content: Themes

- 1) Nature of learning
- 2) Pedagogy

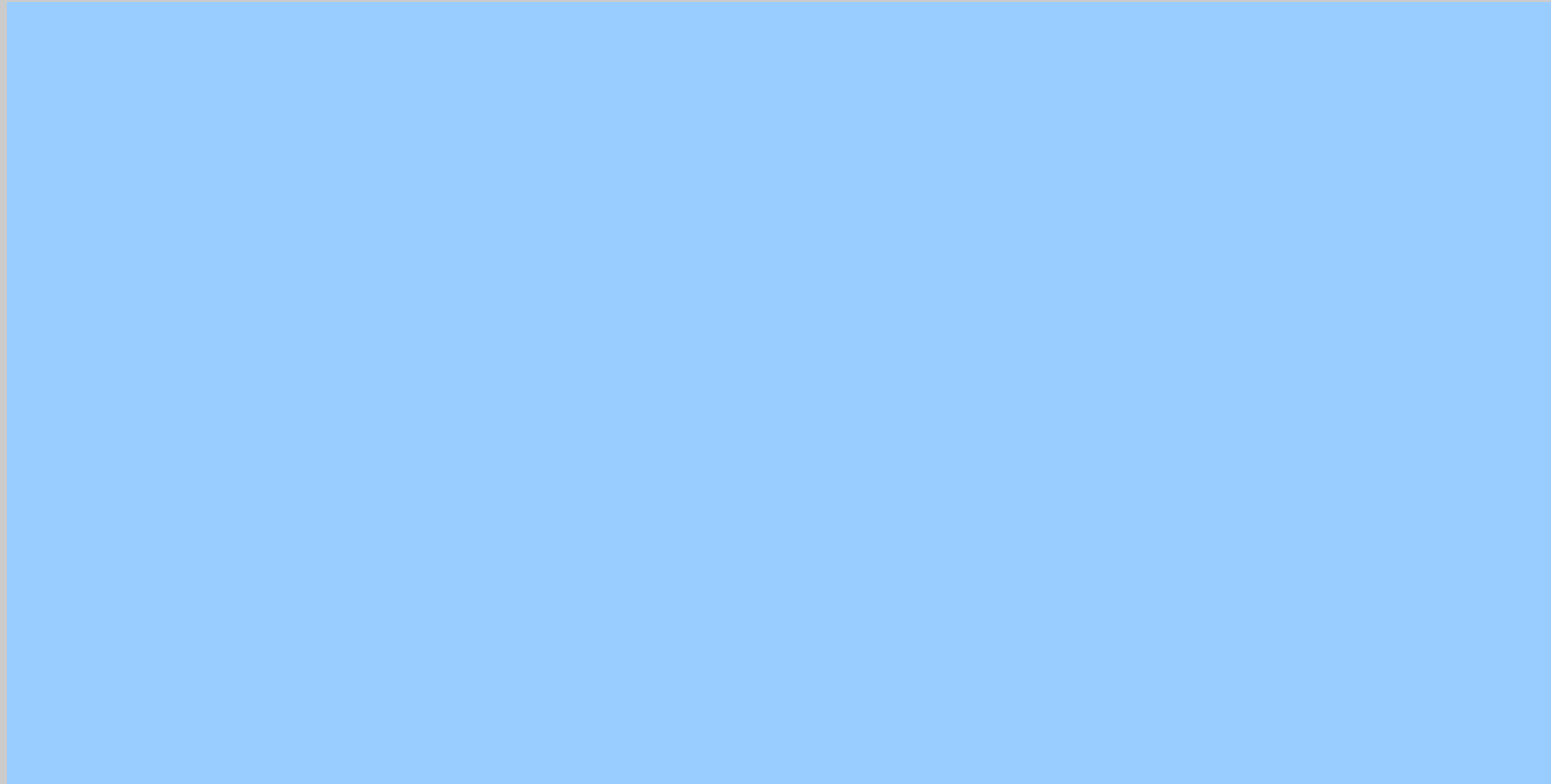
Content: Themes

- 1) Nature of learning
- 2) Pedagogy
- 3) Learning & technology

Content: Themes

- 1) Nature of learning
- 2) Pedagogy
- 3) Learning & technology
- 4) Visions & misgivings

Structure & Activities



Structure & Activities

- 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

Structure & Activities

- Electronic reading “packets”

Structure & Activities

- Electronic reading “packets”
- Students post questions

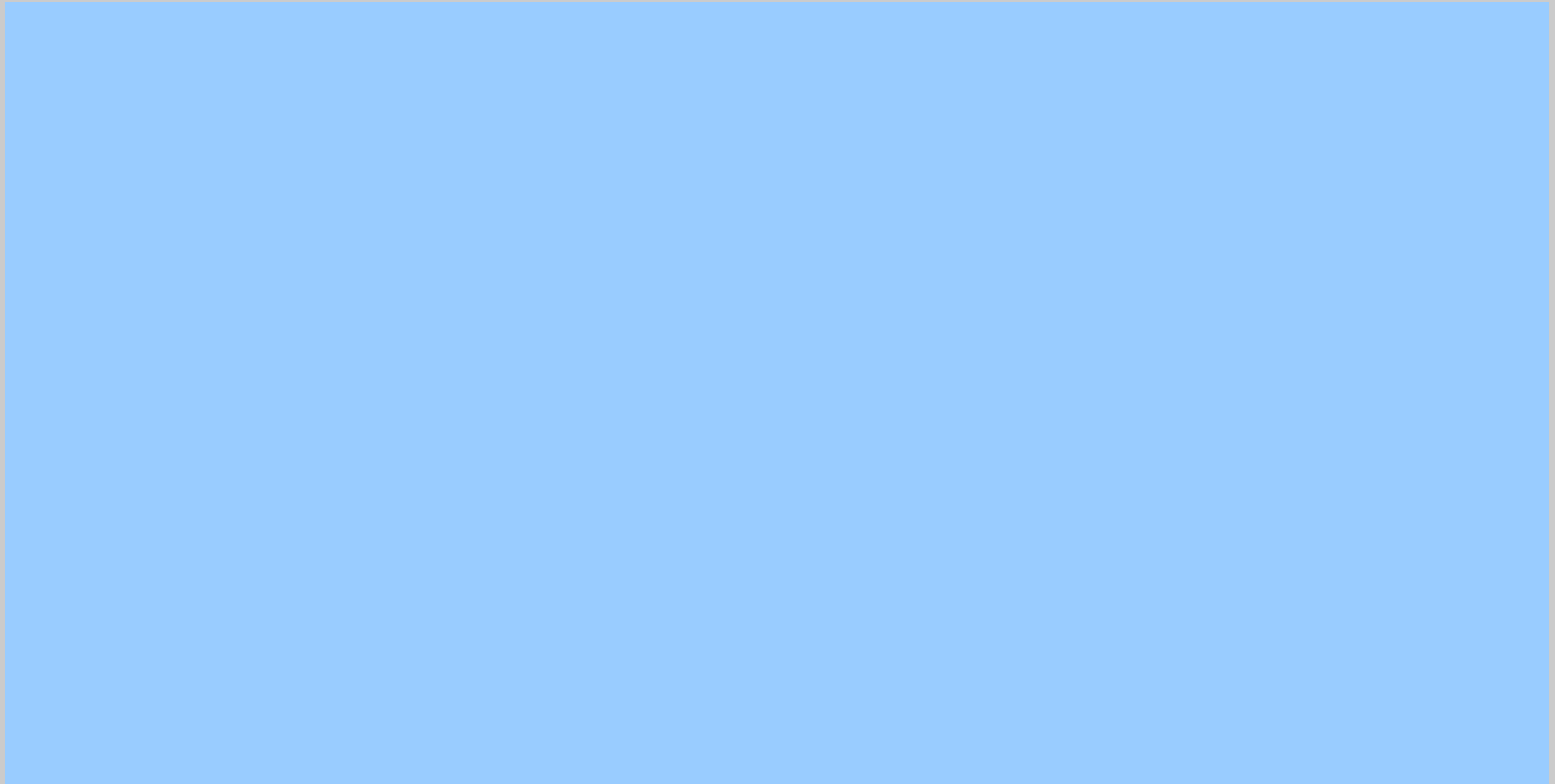
Structure & Activities

- 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

Schedule



Schedule

- Four “waves” over summer

Schedule

- Four “waves” over summer
- Consult HBS

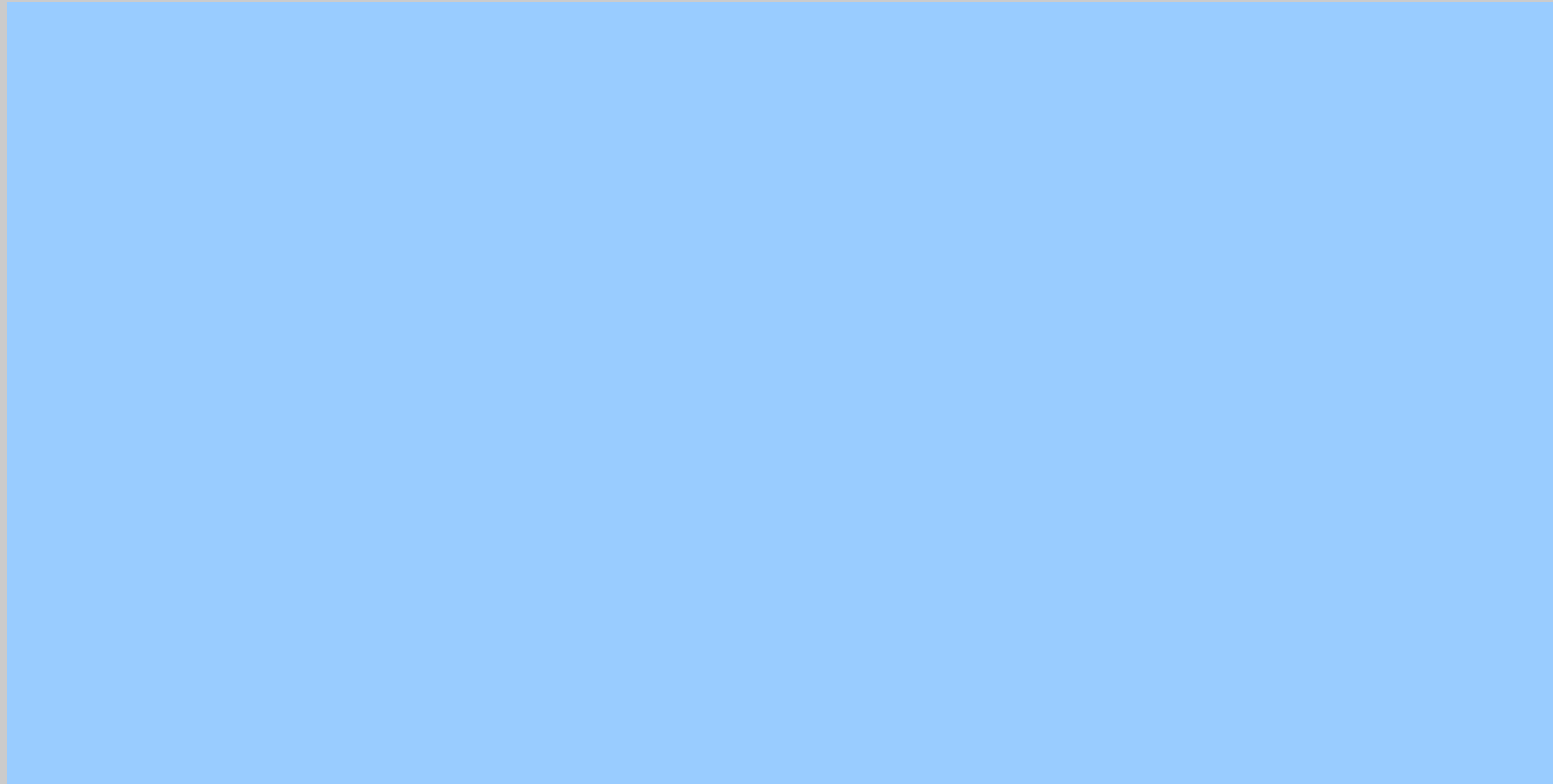
Schedule

- 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***



